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Programme of the 23rd Annual Meeting of the European Association of Archaeologists 2017
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Welcome to the Annual Meeting

PRESIDENTS WORDS

This year our EAA Annual Meeting in Maastricht coincides with the 25th anniversaries of the Maastricht Treaty on European Union and the Valletta Convention on the Protection of the Archaeological Heritage. Both have fundamentally influenced our lives as European archaeologists and citizens. As they reach their 25th birthday, their rationale, their principles and their policies are disputed and challenged in many ways. Many of us are discouraged and concerned about this reality. In my view, it simply reminds us that we should not mourn the lost optimistic spirit of the past, but we must ensure that we are alert and that we move towards new horizons. We must develop if we want to preserve what we have gained through the union, and we must develop in new ways to achieve new aims. There is a concern that the principles of the European project (Maastricht Treaty), and those of modern European archaeological heritage resources management (Valletta Convention) have become somewhat lost between an odd blend of neoliberal hegemony, techno-bureaucratic practice, political correctness and wishful thinking. Meanwhile, many of us have perhaps lost sight of the big issues that are shaping humanity and the modern world, most of which can influence Archaeology and challenge our responsibilities as archaeologists to act in current difficult contexts.

Maastricht 2017 is not a time for melancholy, but a dynamic and exciting point in the development of the EAA as a more active, effective and engaged organisation. Maastricht will be the place where we consolidate the implementation of EAA’s Strategic Plan which was adopted by members last year at Vilnius. The Officers and Executive Board have been working in a concerted way to develop documents that will set out the ‘road map’ for EAA’s development in the coming three years and beyond. Together, we will decide on the next forward moves. A new concept of EAA Communities will be introduced and take shape as a new way to foster member engagement and to mobilise EAA’s intellectual capital as a multi-national organisation. The Maastricht Annual Meeting will experiment with new formats (ways of presenting) and new formulae (ways of doing things). New conference themes will be explored as part of the EAA’s focus on the future (actually it is the first time that an EAA Annual Meeting is labelled under a general title or motto), without losing sight of the best of EAA’s traditions. EAA’s tradition and spirit will be retained. This tradition and spirit derives from a combination of research, management, teaching and politics regarding the archaeological heritage. These aspects are transversally present in the new themes of the conference. Actually, “transversality” is the underlying spirit and the unique mood of EAA.
It has been a privilege and a pleasure to work with our Dutch colleagues on this year’s Annual Meeting. They stepped up to all the challenges we presented them. Working closely with them was a very rewarding experience. The Dutch working style impressed me, together with a consciousness that the soul of the beloved Willem Willems is somehow still present. I am sure that every member of the Scientific Committee and the Executive Board will endorse this. Together we have brought into existence the opportunities of the Maastricht Annual Meeting as one of the larger and best organised meetings for archaeologists in Europe and even beyond, that will benefit everyone inside and outside our organization. 175 sessions and c.1800 contributions confirm this. The conference is also the result of close cooperation within the three Dutch government levels: the community of Maastricht, the province of Limburg and the state of the Netherlands. They have all contributed in a very substantial way to a huge organizational and economic effort. That effort, together with the capacity of the organisers to secure financial contribution, has managed to keep the costs of the conference as low as possible for individual attendees.

As ever, the success of our Annual Meeting will be the result of the huge amount of work that we have all undertaken and will undertake at Maastricht (members, attendees, speakers, discussants, session organizers, conference’s organizers and committees, organizing entities and sponsors, and last but not least the EAA executive board). I am sure that this Annual Meeting in Maastricht be a unique event that will reflect the current EAA mix of dynamism, intellectual ambition, practical relevance, good spirits and the comradeship that has always underpinned EAA's collective spirit. I look forward, with confidence, to applying this year’s bridge-building theme to all our activity at Maastricht and I am very happy to welcome each and every one of you, our members, to an exciting meeting and forum for dialogue and exchange of views. Please, bring your best to Maastricht for building bridges together.

**Felipe Criado-Boado**
President of the EAA
Welcome to Maastricht,
the capital of Limburg

WELCOME – WILLKOMMEN – BIENVENUE – WELKOM!

Maastricht, Limburg and the Kingdom of the Netherlands are delighted to welcome you at the 23rd Annual Meeting of the European Association of Archaeologists in the historic town of Maastricht. This is where twenty five years ago, on February 7th, 1992, the famous Maastricht Treaty was signed. The anniversary programme Europe Calling! of the Province of Limburg and the city of Maastricht contributes to the dialogue about Europa and the strengthening of public involvement and international cooperation.

The long term effects on archaeology of both the Maastricht Treaty and the Valetta Convention, also agreed upon in 1992, will be discussed at the meeting. In the light of the current political and social situation in Europe, and its effects on science, it was obvious to choose Maastricht's most important landmark, the Saint Servatius Bridge - Aw Brök, or Old Bridge, in local dialect - as the meeting's logo.

The anniversary of both treaties offers an excellent opportunity to look back and answer the question what has been achieved. In addition, the conference offers participants the opportunity to jointly formulate new initiatives in the spirit of the treaty underlying the European Community and concluded in 1992 in Maastricht.

The conference takes place in The Maastricht Exhibition & Congress Centre (MECC) and includes nearly 1800 lectures, divided over 175 sessions. We wonder what new insights the meeting will give into the history of Europe and its regions, from the first human presence until the Second World War. In this context, the meeting offers a special space for sessions where there is a comparison of long-term regional archaeological projects. In addition, the question arises how archaeological heritage can be safeguarded for future generations so that archaeological remains can be studied by future generations with better methods and techniques and from new questions.

In this edition of the annual meeting of the EAA, special attention is paid to the versatile and important relationship between archaeology and the public. Here, art, we think, plays a leading role. The European project NEARCH and the Van Eyck Academy provide a special session and an exhibition on archaeology and the arts. Eight artists present their work on The materiality of the invisible on the basis of an intensive dialogue with archaeologists.
Participants to the meeting are invited to visit our beautiful and interesting Euregion Meuse-Rhine. In cooperation with the LGOG (Limburg Historical Society) various archaeological and other excursions in Limburg/the Euregion have been organized.

We wish all participants an interesting and informative conference, an inspiring dialogue and a joyful stay in our beautiful province. We hope the meeting will have a lasting effect as regards cross border understanding and international cooperation.

**Hans Teunissen** Regional Minister, Province of Limburg,
**Gert-Jan Krabbendam**, Executive Councillor, Municipality of Maastricht and
**Susan Lammers**, Director, Cultural Heritage Agency of the Netherlands.
“It’s great to have so many archaeologists from all over Europe and even the world in Maastricht. We are proud you accepted our invitation. Limburg is the richest province of the Netherlands in terms of archaeology: from prehistory, through Roman times and the Middle Ages to the present. The knowledge we acquire from the past takes us into choices for the future: for tourism, urban development and so on”
– Hans Teunissen, Regional Minister of the Province of Limburg.

“Over the past decades, the city of Maastricht has been investing heavily in archaeological research that looks to shed more light on our rich past. Having been at the crossroads of cultural influences from far and wide since Roman times, the name ‘Maastricht’ has been synonymous with an international city from its foundation right through to today. We are eager to show you how we combine old and new both in Maastricht and the surrounding area. Let’s keep building bridges – not only between past, present, and future, but even more so between people and nations.”
– Gert-Jan Krabbendam, Executive Councillor, Municipality of Maastricht

“2017: two silver jubilees, Valletta and Maastricht! In 25 years, so much has changed, also in Dutch archaeology. I am curious how to judge the effects of Malta in a European context. We are not dissatisfied about the effects on Dutch archaeology, but we should always dare to learn from others.”
– Susan Lammers, Director of the Cultural Heritage Agency of the Netherlands
The meeting of Maastricht was founded at the crossing of the river Meuse. Probably at first as a ford but from Roman times on by a bridge. The river Meuse, a rain river, was at that time very dynamic and could change her course every season. At times of flood the whole alluvial plain was under water. A fixed crossing was of vital importance. The Roman bridge was part of an important Roman road from Bavay ("Bagacum") in nowadays France, to Cologne ("CCAA") at the Limes at the river Rhine. Now this road is called the Via Belgica. Originally made by and for the military, it soon became an important route for merchants and craftsmen to transport their goods and sell it over large distances. The bridge was of uttermost importance in this trade route and is the reason why Maastricht became a vivid vicus with urban facilities. Presumably the bridge formed a major part of its presumed Roman name: Pons Mosae!

In Maastricht the Via Belgica remained in use until the 15th century. How long the Roman bridge functioned is difficult to assess at this moment. According to a local legend the bridge collapsed during a holy procession in the 13th century and was replaced by a new bridge some 150 meters up north: the St. Servatius bridge. Until the 19th century this bridge remained the most upper north fixed crossing of the river Meuse. The strategic importance of this bridge cannot be underestimated and was the reason why Maastricht was besieged so many times, for example by the Spanish, the French and the Dutch. Not only from a military point of view, but also for long distance trade this St. Servatius bridge was a main link between Flanders and Germany. And along with trade and military a whole lot of new ideas spread across Europe and this increased our diversity and our isolation became less and less. This way we created our mutual history, despite the modern state borders.

Bridges are the symbol of close cooperation and close communication between the European countries. It is no coincidence that on our mutual Euro notes seven bridges are depicted from our European cultural heritage, varying from a bridge from Antiquity to a Modern 20th century one. And it is of course no coincidence that the main theme of our Annual Meeting is “Building Bridges”. Despite our different backgrounds and despite our different scientific views. The EAA is focused on the cooperation of archaeologists of all of Europe and beyond. Together we are building our mutual European history.
BUILDING BRIDGES

Under the conference motto Building Bridges five key themes were selected for the 23rd Annual Meeting of the EAA. The themes chosen by the EAA Executive Board, the Maastricht Conference Organisers and the Scientific Committee address the currently most important issues at stake in European archaeology and in archaeology in relation to society:

1. TWENTY-FIVE YEARS AFTER MAASTRICHT: ARCHAEOLOGY AND EUROPE’S FUTURE
   How do contemporary political and mostly centripetal processes within Europe affect archaeology and how does archaeology contribute to a more inclusive society?

2. THE VALLETTA CONVENTION: THE NEXT 25 YEARS
   How has the ‘Valletta Convention’ been implemented across Europe? What strengths and weaknesses are revealed by comparative analysis? What opportunities and threats lie ahead? Does the Convention need rewriting?

3. TRANS- AND METADISCIPLINARY APPROACHES IN ARCHAEOLOGY
   How does archaeology engage societal groups in the definition of research questions? Should it involve society more in the selection and development of research methods, even in research and publication? How does academic archaeology relate to public or citizen science or to art and artists?

4. THE ‘THIRD SCIENCE REVOLUTION’ IN ARCHAEOLOGY
   How do new scientific methods revolutionize archaeological theory and practice?

5. COMPARING ARCHAEOLOGY ACROSS REGIONS AND PERIODS
   How can we compare the results of regional archaeological projects? What is the gain from comparisons over large geographical distances or across periods?

In addition to the five key themes of EAA Maastricht 2017 it was possible to accommodate other contributions under the heading Interpreting the Archeological Record.

As a committee we are very glad to have a very substantial number of sessions and contributions within all themes. In one way or another most session organizers and participants express their commitment to
build bridges: between projects, countries and disciplines as well as between social groups and cultures. Many sessions call for a multi-, inter- or transdisciplinary approach. A significant number of sessions do integrate Archaeology with other subjects such as History, Anthropology, History of Art, History of Science, the Natural Sciences, Sociology, the Arts and/or Citizen Science. The 2017 meeting of EAA promises to be a very exciting event.

As stated in the call for sessions, the Maastricht meeting allows for experimentation with regard to session formats. This is to give more room to discussion and dialogue. In most cases session organizers did opt for the ‘classical’ format of a session made up of a combination of papers. However, a significant number of sessions adopted another format. For example: sessions with a key note speaker with contributions from discussants and discussion; sessions with pre-circulated papers with the session focusing on discussion only; sessions with papers of six minutes and six slides; round tables; field sessions, walking tours and workshops. This will certainly contribute to the meeting of EAA 2017 being both challenging and creative. We are looking forward to these new formats and expressly encourage use of experimental formats in future Annual Meetings.

We believe that all sessions should aim to have scientific as well as practical, social and political impact. Sessions should initiate and continue transnational cooperation and further the discipline as a whole. We would like to invite session organizers to summarize sessions as well as to draw and communicate conclusions from their sessions. They can do that for example by publishing a report on the session in TEA or the European Journal of Archaeology, by offering recommendations to the EAA Executive Board or by publishing a selection of contributions in the THEMES monograph series or another refereed journal or an edited volume.

We would like to invite all participants to reflect explicitly on the thematic focus of EAA 2017 and on the introduction of new formats. Please contact us during or after the meeting on this.

We hope you will have a successful and pleasurable conference.

On behalf of the scientific committee of the 23rd Annual Meeting of the European Association of Archaeologists

prof. Jos Bazelmans (chair), Cultural Heritage Agency of the Netherlands
THEMES OF THE MEETING

1. TWENTY-FIVE YEARS AFTER ‘MAASTRICHT’: ARCHAEOLOGY AND EUROPE’S FUTURE

How do contemporary political and mostly centripetal processes within Europe affect archaeology and how does archaeology contribute to a more inclusive society?

In retrospect the post-war project of European integration found its apotheosis in the Maastricht and Lisbon Treaties of 1992 and 2007. Today however, Europe finds itself in a state of political turmoil. The celebration of both treaties in 2017 is therefore no self-evident matter. Since the beginning of the new millennium the European project seems to have seriously lost ground in most Member States of the European Union, both among the general public as well as among politicians. The Brexit vote of the United Kingdom citizens in June 2016 has been one of the most important recent events in this trend. Public and political doubts about European integration are generated by a critical assessment of economic and cultural globalization and the underlying neo-liberal principles. There are multiple factors that contribute to this: the rising of a decentred postcolonial world, long lasting and severe, financial and economic recession, growing differences between poor and rich, large scale immigration, the increase of fundamentalist terrorism, the extension of a sense of insecurity and social and personal fears, and the rise of extreme and totalitarian ideologies. Europe faces a cultural and epochal crisis that is symbolized by the current weakness of the enlightened, reflective and progressive Welfare State. In most European countries these issues are being fiercely discussed and have led to political polarization. Characteristic of both right and left wing positions are a revaluation of state autonomy and national identity. At the same time (subnational and transnational) regions are raising in importance.

At first glance success or failure of the European project is not relevant to science in general or archaeology in particular. It is also not evident why the archaeological community should engage with this as a conference theme. On second thoughts however, the consequences for academic science in general and archaeology specifically could be manifold and grave. On a practical level for example, the Brexit vote already has profound effects on the exchange of students and researchers, the funding of UK-European cooperation and possibly on the EAA itself. On a more abstract level the rise of the importance of (sub)national identities both within society and politics will pose a challenge to (the inclusiveness of) archaeological discourse and narratives.

Participants are invited to submit session proposals which deal with past and present entanglements and future prospects of political processes within European countries and Europe on the one hand and archaeological practice and discourse on the other hand. In addition sessions are welcome which aim for a critical appraisal of contemporary archaeological projects with (un)stated political aims. How can Archaeology contribute to an emancipatory processes, to a more democratic and inclusive society and to cross-cultural understanding?
How has the ‘Valletta Convention’ been implemented across Europe? What strengths and weaknesses are revealed by comparative analysis? What opportunities and threats lie ahead? Does the Convention need rewriting?

On January 16th 2017 the ‘European Convention on the Protection of the Archaeological Heritage’ (also known as ‘Valletta’ or ‘Malta Convention’) will have its 25th anniversary. With 45 signatures and 45 ratifications it is one of the most successful conventions of the Council of Europe. The aim of the Convention “is to protect the archaeological heritage as a source of the European collective memory and as an instrument for historical and scientific study” (Article 1). It makes the (in situ) conservation of the archaeological heritage, at all governmental levels, one of the goals of planning policies and part of the various stages of development schemes. The Convention sets guidelines for the funding of excavation, research and publication of research findings. It also deals with actions to be undertaken to develop public awareness of the value of the archaeological heritage. Finally, the signatory states are obliged to co-operate in archaeological heritage management and exchange experience and experts.

The way in which the Convention has been implemented varies highly across signatory states. Here for example the way and level of governmental decision making is important with regard to the necessary cooperation between archaeology and spatial planning. As far as archaeological research is concerned, it is important whether the state considers archaeology to be a public task or whether a commercial archaeological sector has been allowed to develop. Some attempts have been made to compare the ways in which the Malta Convention has been implemented across Europe and to evaluate the strengths and weaknesses of different national models.

To celebrate the 25th anniversary of the Valetta Convention at the Maastricht meeting special attention is given to one of EAA’s traditional themes – the management of the archaeological heritage. In order to learn from Europe-wide experiences, a more systematic way to compare and evaluate the different models is sought for. Did circumstances in the meantime change so much that a revision or a replacement of the Convention would be justified or could it be integrated into other conventions? Do for example the European Landscape Convention, Florence 2000, the Convention on the Value of Cultural Heritage for Society, Faro 2006, or other conventions provide a way of overcoming or improving the ‘Valetta Convention’?

Different aspects will have to be taken into account: the post-2008 crisis of development-led Archaeology, the Europe-wide trend to minimize and reduce legislation and norms to protect heritage, the limited social value of archaeological work, and the lack of public engagement with archaeology. The discussion will also have to address the different objectives of rescue, preventive or "Malta" archaeology as opposed to research driven academic excavation projects. We would also like to invite views from outside Europe on the ‘Malta Convention’.
3. TRANS- AND METADISCIPLINARY APPROACHES IN ARCHAEOLOGY

How does archaeology engage societal groups in the definition of research questions? Should it involve society more in the selection and development of research methods, even in research and publication itself? How does academic archaeology relate to public or citizen science or to art and artists?

The relationship between science, academia and society has changed fundamentally in the last decades: scientific results and especially their interpretation by experts are not anymore taken as a matter of fact and valued highly. In some domains science is being contested by powerful social or political groups as for example in the discussions on childhood vaccination or on the anthropogenic character of climate change. In most European countries academia finds itself – on a national and on a European level - under pressure from politics, society and funding authorities to redirect its research to the grand societal challenges. EU’s Horizon 2020 programme and the Dutch National Research Agenda being examples on both organizational levels. Researchers do react in fundamentally different ways: some see academic freedom at stake and are raising protest, others opportunistically profit from the new research funds. More interesting, some recent research initiatives can be characterised as trans- or metadisciplinary, because they involve both academics and public and private ‘stakeholders’ at all research stages.

Archaeology is no exception to the development described above. In the post war decennia archaeology was a small scale discipline dominated by academics; from the 1970s to the 1990s this has changed fundamentally. The causes are multifaceted: the total amount of leisure time has grown significantly, especially among the growing number of retired citizens. In addition, the level of education throughout society has risen spectacularly. Expanding budgets for archaeology research – one of the outcomes of the implementation of the Valletta Convention – did put more stress on its societal valorisation. Responses within archaeology do vary significantly: some archaeologists just offer more output for the general public, others go beyond that and try to involve local stakeholders and social volunteers in the definition of research questions, the selection and development of research methods and research and publication itself. In some cases artists play a role in crossing the divide between science and society.

As customary, session and subsequent paper proposals to this theme are invited to reflect on theoretical and methodological perspectives in archaeology, but papers on societal challenges posed to archaeology are especially welcome. Participants are asked to present transdisciplinary projects and to discuss their success and drawbacks. What is the role of citizen science and how does scientific archaeology relate to amateur archaeology, including metal-detecting and pseudo-archaeology? What kind of education for archaeologists and archaeological education for fellow citizens requires trans- and metadisciplinary approaches? This theme also invites to present projects in which archaeologists and artists co-operate and co-create.
4. THE ‘THIRD SCIENCE REVOLUTION’ IN ARCHAEOLOGY

How do new scientific methods revolutionize archaeological theory and practice?

In 2014 Kristian Kristiansen, a former President of the EAA, confessed that “we are right now experiencing the most exciting of times in archaeology – at least during my own lifetime”. In the last decade, according to Kristiansen, we are witnessing the ‘Third Science Revolution’ in archaeology. The ‘first science revolution’ would have taken place in the period between 1850–1860 when archaeology profited from the scientific breakthroughs in the fields of cultural, biological and geological evolution; the ‘second science revolution’ around 1950–1960 with the common usage of nuclear power and the introduction of Radiocarbon dating in archaeology. For Kristiansen recent developments linked to the ‘third science revolution’ in archaeology are in the fields of (1) ‘Big Data’, (2) new quantitative modelling and (3) results from A-DNA, strontium isotopes and related scientific methods. These developments have already been discussed at former EAA meetings, as in Glasgow in the “Science and archaeology” session or in Vilnius in the session “Science and Multidisciplinarity in Archaeology”. The Maastricht EAA meeting would like to address these developments again because of their profound and wide ranging impact on practice and theory in archaeology for the years to come. Issues raised can range from technological problems related to the development of new methods, the (non-)applicability, quality and reliability of new analytical methods, and problems related to the interdisciplinary cooperation between archaeologists and (natural) scientists. Questions to be answered could include: What effect have digitalization and big data on our way to understand reality and act in it? Where do these new trends take archaeological theory and interpretation? Do we experience, as Kristiansen stated in 2014, the collapse of processual and post-processual frameworks and are in a period of theoretical and methodological experimentation and reorientation? How does the application of new technologies and methods lead to new interpretations and to a new combination of the scientific and narrative side in archaeology? Is this integration possible, affordable or desirable? Does scientific-led archaeology offer a critical understanding of the present and does it have transformative power as regards current social problems? More practical, how do the archaeological profession and heritage management really profit from the ‘Third Science Revolution’? What sort of influences in academic authority, disciplinary power and professional relations could cause a scientific-led practice?

5. COMPARING ARCHAEOLOGY ACROSS REGIONS AND PERIODS

How can we compare the results of regional archaeological projects? What is to gain from comparisons over large geographical distances or across periods?

Since the late 1950s and 1960s archaeologists across the world have increasingly combined the long established tradition of the excavation of sites with a range of methods and techniques to gather geological, botanical, archaeological, historical and other data on the wider region. Some survey methods and techniques have undergone significant improvement through time: others like for example OSL, metal detect-
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ing and LiDAR have had a profound impact only recently. Some regions in Europe have been the focus of archaeological research for more than half a century and for some regions researchers are in the position to write regional biographies with great time depth and high chronological and geographical resolution. Significant gaps on settlement history have been filled and simple developmental models have been replaced by highly detailed and multi-dimensional descriptions and explanations of regional processes of expansion, contraction and structural change. Most researchers however believe that “their region” is special in one way or another. An urgent need is felt to compare the results of long-term regional projects in larger geographical contexts like the Mediterranean or the Middle East. We envisage the EEA meeting at Maastricht as a laboratory for comparing the results of regional archaeological projects across Eurasia. Moreover, comparative studies about interregional integration and dynamics from regions beyond Europe, are also welcome in order to cope better with the entanglement of different geographical scales. What research questions should guide a comparison? How do we compare across regions and periods which not only differ significantly environmentally, but also what regards the survival of archaeological remains and their research history? How can multi-scalar approaches contribute to our knowledge and understanding of the movement of people, materials and ideas?

**6. INTERPRETING THE ARCHEOLOGICAL RECORD**

In addition to the five key themes of EAA Maastricht 2017 it is important to ensure sessions with a broader interest base are comfortably accommodated within the programme. Using new techniques, new analytical equipment and new procedures, in appropriate theoretical frameworks and contextual proxies, archaeological research continues to change and refine its interpretation of the past. The sixth theme provides a vehicle for sessions on ‘Interpreting the archaeological Record’. Within this theme discussions on developments within archaeological theory and methodology are welcomed.
Committees

LOCAL STEERING COMMITTEE

Mr. Gert-Jan Krabbendam, Executive Councillor, Municipality of Maastricht
Mrs. Susan Lammers, Director, Cultural Heritage Agency of the Netherlands
Mr. Hans Teunissen, Regional Minister, Province of Limburg

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Dr. Manuel Fernández-Götz, University of Edinburgh

MERC
Prof. Dries Tys, Free University Brussels

INVITEES
Dr. Marion Brüggler, LVR State Service for Archaeological Heritage in The Rhineland
Prof. Marc De Bie, Free University of Brussels
Prof. Jan Kolen, University of Leiden
Prof. Laurent Verslype, Catholic University of Louvain

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Mr. Gilbert Soeters, Municipality of Maastricht
Ms. Joke Zaat, Province of Limburg
MERC is the successor body of the Medieval Europe Congresses that were held in York, Bruges, Basel and Paris from 1992 to 2007. MERC exists for the same purposes. It aims to promote research through ‘medieval’ archaeology (AD 400-1600) in every country in Europe (and beyond) by providing a hub for existing societies and researchers, bringing together practitioners in the context of the EAA. Its ethos is an interdisciplinary medieval archaeology without borders.

In 2012, at its inaugural meeting in Helsinki, MERC signed a memorandum of agreement with EAA, through which the community of medieval archaeology researchers participates actively at the annual meetings of the EAA, to discuss research and results in the broader forum of European Archaeologists. MERC supports every year a multitude of sessions with a medieval archaeological content, holds an annual Forum of Medieval Archaeology and hosts a party of medieval archaeologists.
European Association of Archaeologists

The European Association of Archaeologists (EAA; http://www.e-a-a.org) is a membership-based, not-for-profit association, which is open to all archaeologists and other related or interested individuals or bodies. It is fully democratic, and is governed by an Executive Board elected by full members of the Association. A Nomination Committee ensures that the Board is representative of the different regions of Europe and the different sectors of the profession. Its membership covers most European countries, but also includes residents of all other continents interested in European Archaeology.

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EJA Deputy Editor & ex-officio Board member ................ Catherine Frieman .................... 2015-2018
TEA Editors & ex-officio Board members ................ Katharina Rebay-Salisbury .... 2015-2018
Roderick Salisbury .................... 2015-2018

EAA NOMINATION COMMITTEE

Nomination Committee Chair .............. Bettina Arnold .............. 2016-2019
Nomination Committee member ......... Margarita Díaz-Andreu ............. 2015-2018
Nomination Committee member ............ Arek Marciniak .............. 2014-2017

The EAA was established in 1994 at an Inaugural Meeting in Ljubljana, Slovenia, where its Statutes were formally approved (http://www.e-a-a.org/statutes.htm). These stipulate that the EAA was created
• to promote the development of archaeological research and the exchange of archaeological information
• to promote the management and interpretation of the European archaeological heritage
• to promote proper ethical and scientific standards for archaeological work
• to promote the interests of professional archaeologists in Europe
• to promote co-operation with other organisations with similar aims
The EAA has held Annual Meetings since the first Meeting in 1994; sessions cover topics varying from the interpretation of material culture through theoretical perspectives to cultural heritage management. EAA Annual Meetings have been held in a range of different European cities:

Ljubljana .................. 1994  Krakow .................. 2006
Santiago de Compostela .... 1995  Zadar .................. 2007
Ravenna .................. 1997  Riva del Garda .................. 2009
 Göteborg .................. 1998  The Hague .................. 2010
 Bournemouth .................. 1999  Oslo .................. 2011
 Lisbon .................. 2000  Helsinki .................. 2012
 Esslingen .................. 2001  Pilsen .................. 2013
 Thessaloniki .................. 2002  Istanbul .................. 2014
 St. Petersburg .................. 2003  Glasgow .................. 2015
 Cork .................. 2005


Since 1999 the Association has awarded the annual European Archaeological Heritage Prize to an individual, institution, or to a local or regional government for an outstanding contribution to the protection and presentation of the European archaeological heritage. A Student Award was instituted in 2002 and is awarded annually for the best paper presented at the EAA Annual Meeting by a student or an archaeologist working on a dissertation.
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15 July - 15 October 2017

TOP OR TOPIC CATALOGUE

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More info: www.centreceramique.nl
The Association creates Working Parties and Task Force groups for a limited period in order to achieve a particular result (formulate policy, develop a standard, create an inventory etc.), while Committees are established where an issue is considered to be of permanent concern to the EAA. EAA Committees and Working Parties currently include:

- Committee on Archaeological Archives and Collections in Europe
- Committee on Archaeological Legislation and Organization
- Committee on Illicit Trade in Cultural Material
- Committee on Political Strategies
- Committee on Professional Associations in Archaeology
- Committee on the Teaching and Training of Archaeologists
- EAA and EAC Working Party on Farming, Forestry and Rural Land Management
- Working Party on Archaeological Prospection
- Working Party on Archaeology and the EU Environmental Impact Assessment Directive
- Working Party Archaeology and Gender in Europe (AGE)
- Working Party in Public Archaeology
- Working Party Integrating the Management of Archaeological Heritage and Tourism
- Task Force on Communication and Media Strategy

The Association has been in partnership with the Medieval Europe Research Community (MERC) since 2012, and participated in the Discovering the Archaeologists of Europe (Disco), the New scenarios for a community-involved archaeology (Nearch) and the ArchaeoLandscapes projects.

The Association promotes ethical professional behaviour through its Code of Practice, Principles of Conduct for Contract Archaeology and Code of Practice for Fieldwork Training. The EAA acts as an advisory body on all issues relating to the archaeology of Europe, and is affiliated to major institutions active in cultural heritage protection and management. In 1999, the EAA was granted consultative status with the Council of Europe, which in 2003 was upgraded to participatory status. The EAA has joined the European Heritage Alliance 3.3 and has been invited to participate in the special “Voices of Culture & Heritage” process of the European Commission.
GENERAL PROGRAMME
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www.mestreechterbrandslang.nl
Opening August 30\textsuperscript{th}

MECC CONFERENCE CENTRE MAASTRICHT
AUDITORIUM 1
FORUM 100, MAASTRICHT
WEDNESDAY 30 AUGUST, 16:00 – 18:00

OPENING CEREMONY AGENDA

1. Opening by Chair of the Scientific Committee – Jos Bazelmans
2. Welcome by governmental and local authorities – Hans Teunissen, Gert-Jan Kabbendam and Susan Lammers
3. Welcome by the President of the European Association of Archaeologists - Felipe Criado-Boado
4. Presentation of the European Archaeological Heritage Prize - Franco Nicolis
5. Presentation of the EAA Student Award - Robin Skeates
6. Keynote lecture Contemporary Archaeology-Towards a Creative Political Economy - Michael Shanks

ARTISTIC PERFORMANCE IN BETWEEN THE ABOVE IS DONE BY TUNA UNIVERSITARIA DE MAASTRICHT
For 25 years now, Tuna has brought joy to all she has encountered and now... they will be honored to encounter you. Through the years, over 50 students of multiple faculties of the University of Maastricht have made music together following the old Spanish tradition. However, you will not find a more divers and international group of people. They have had input from Belgium, Germany, England, Estonia, Poland, Italy, Chile, Hong Kong, Turkey, the United States, Norway, Portugal, and of course Spain and the Netherlands. They are always looking for students to join their ranks. Together, they have travelled through Europe and South America, where they have gone to many international festivals and back home they entertained many a graduation as the official troupe of the University of Maastricht. If you long for the real passion and romance of Spain, let us know and they shall happily join your fiesta.

WELCOME RECEPTION

Expo foyer, MECC Maastricht
The welcome reception of the 23\textsuperscript{rd} Annual Meeting of the European Association of Archaeologists will take place at 30 August in the Expo Foyer of the conference venue, MECC from 18.00h-19.30h.
General Programme for the EAA Maastricht 2017 Meeting

**TUESDAY 29 AUGUST**

09.00 – 17.00 Pre-Conference Excursions
09.00 – 18.00 EAA Executive Board Meeting . . . . . . . . . . . . . Gouvernement
18.00 – 20.00 Opening of the Materiality of The Invisible . . . . . . . Van Eyck Academy

**WEDNESDAY 30 AUGUST**

09.00 – 15.00 EJA Editorial Board Meeting/Meeting of EAA committees . . . . . . . MECC
and working parties
10.00 – 15.00 Registration and Helpdesk open . . . . . . . . . . . . . . . . . MECC
13.00 – 15.30 Presidential Lunch (upon invitation) . . . . . . . . . . . . . Van Eyck Academy
16.00 – 18.00 Opening Ceremony . . . . . . . . . . . . . . . . . . . . . . . . . . MECC, Auditorium 1

**Keynote Lecture:** Contemporary Archaeology - towards a creative political economy, Michael Shanks (Stanford University)
18.00 – 19.30 Welcome Reception . . . . . . . . . . . . . . . . . . . . . . . . . MECC, Expo Foyer
20.00 – 23.00 EAA Awards Dinner (upon invitation). . . . . . . . . . . . . . . Derlon Hotel

**THURSDAY 31 AUGUST**

08.00 – 18.00 Registration and Helpdesk open . . . . . . . . . . . . . MECC
08.30 – 18.15 Scientific Programme parallel sessions . . . . . . . . . . . . MECC
10.00 - 11.15 **Keynote Lecture:** For A Renaissance of the European Project, Sneška Quaedvlieg-Mihailović (President Europa Nostra)
14.00 – 15.15 **Keynote Lecture:** Why do archaeologists need international law? . . MECC, room 2.1 Leonard de Wit (President Europae Archaeologiae Consilium)
17.00 – 18.15 **Keynote Lecture:** An affective Archaeology of Borders,. . . . . MECC, room 2.1 Yannis Hamilakis (Brown University)
20.00 – 01.00 Annual Party. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Muziekgieterij
FRIDAY 1 SEPTEMBER

08.00 – 17.00 Registration and Helpdesk open ................................. MECC
08.30 – 16.45 Scientific Programme parallel sessions
10.00 – 11.15 **Keynote Lecture**: The Most Exciting Of Times, .................. MECC, room 2.1
Kristian Kristiansen (University of Gothenburg)
14.00 – 15.15 **Keynote Lecture**: How do we compare the results of regional Archaeological Projects? John Bintliff (Leiden University and Edinburgh University)
14.00 – 16.45 MERC FORUM ............................................................... MECC
17.00 – 19.00 Annual Membership Business Meeting ................................. MECC, room 0.4/0.5
20.00 – 23.00 MERC Party, (Ticketed Event, 15 euro pp) .............................. Tapijn

SATURDAY 2 SEPTEMBER

08.00 – 17.30 Registration and Helpdesk open ................................. MECC
08.30 – 17.15 Scientific Programme parallel sessions ............................... MECC
19.00 – 23.00 Annual Dinner (BBQ) ..................................................... Stiphout,
Maaspromenade 58

SUNDAY 3 SEPTEMBER

10.00 – 17.00 Post-Conference Excursions
10.00 – 17.00 Session 378 ................................................................. Xanten
Map of Maastricht: the Meetings Venues
THE OPENING CEREMONY AND WELCOME RECEPTION
MECC, Auditorium 1 and Expo Foyer

MAASTRICHT SCIENTIFIC PROGRAMME, REGISTRATION, EXHIBITIONS
MECC, all areas

MAASTRICHT EAA ANNUAL PARTY
Muziekgieterij
Boschstraat 7, 6211 AS Maastricht

ARCHAEOLOGICAL EXHIBITION
Archaeological exhibition at Centre Ceramique

MAASTRICHT ANNUAL MEMBERSHIP BUSINESS MEETING (AMB)
MECC, room 0.4 / 0.5

MAASTRICHT MERC PARTY (TICKETED EVENT)
Tapijnkazerne 20, 6211 ME Maastricht
(across the Police Station in Maastricht)

MAASTRICHT ANNUAL DINNER (TICKETED EVENT)
Rederij Stiphout
Maaspromenade 58, 6211 HS Maastricht

GOUVERNEMENT
Limburglaan 10, 6229 GA Maastricht

XANTEN SESSION
Bus leaves from Maasboulevard - 'Hoge Brug', City Park, Maastricht

EXCURSIONS
Bus leaves from Maasboulevard - 'Hoge Brug', City Park, Maastricht

BONNEFANTEN MUSEUM
Avenue Ceramique 250, 6221 KX Maastricht

MATERIALITY OF THE INVISIBLE
Van Eyck - Academieplein, 6211 KM Maastricht
Marres - Capucijnenstraat 98, 6211 RT Maastricht
Bureau Europa - Boschstraat 9, 6211 AS Maastricht
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Annual Membership Business Meeting Agenda

FRIDAY 1 SEPTEMBER
17:00 – 19:00
MECC, ROOM 0.4 / 0.5

Annual Membership Business Meeting Agenda
1. Opening and welcome
2. Minutes of the previous ABM (circulated in TEA)
3. Matters arising from the Minutes
4. Annual Report
5. Financial Report
6. Membership fee level for the next year
7. Oscar Montelius Foundation report
8. Statutes amendments
9. Election results and report of the Nomination Committee
10. New appointments (Editorial Board, Heritage Prize Committee)
11. Publication news
12. Reports from the Working Parties and Committees
13. Location of future Annual Meetings
14. Announcement of the next Annual Meeting
15. Any Other Business

Greyed out items may only be reported in written
The Materiality of The Invisible

EXHIBITION OPENING

Your are cordially invited for the opening of The Materiality of the Invisible on August 29 at 6.00 pm by Michael Shanks. The opening is in the Van Eyck, Academieplein 1 Maastricht. The exhibition is the outcome of the long term collaboration of 7 contemporary artists and archaeologists under the umbrella of NEARCH (New Approaches for Archaeology). Besides the works of these artists the exhibition holds many more works of other contemporary artists. Michael Shanks will elaborate on what artists and archaeologists have in common and what it means for them to present what they have found (literally and figurative). The exhibition is in two other venues (Marres and Bureau Europa) on walking distance and all are opened on that evening.

_Lex Ter Braak, Director of Jan van Eyck Academy_

ARCHAEOLOGY AND THE ARTS

In the 2017 edition of the annual meeting of the EAA at Maastricht special attention is paid to the versatile and important relationship between archaeology and the public. Here, the arts play a leading role. In this context the European project NEARCH and the Maastricht Jan van Eyck Academy provide a special session and an exhibition on archaeology and the arts. Eight artists present their work on The materiality of the invisible on the basis of an intensive dialogue with archaeologists.

From 2013 onwards the Jan van Eyck Academie is partner of NEARCH, a project that aims to explore the various dimensions of public participation in contemporary archaeology. The Jan van Eyck Academie is an international, multidisciplinary research institute for visual arts, design, architecture, literature and reflection. One of the main reasons for the Jan van Eyck Academie to participate in the project and to collaborate with archaeologists is the idea that artists and archaeologists in all their differences also share common ground. Both have to make visible what wasn’t there before. By making narratives they both create value from seemingly worthless things. They want to find out what is hidden under the surface of the known to change our ideas of reality, history and the future. As alchemists archaeologists and artists transform the materiality of things into the meaning of life, both past and present.

In 2014 and in close collaboration with the other partners of NEARCH the Jan van Eyck Academie put out an open call and selected out of 300 applications five international artists. Each of these artists collaborated with archaeological partners of NEARCH. The artists went to their sites and discussed with them research results, ways of presentations and political and social dimensions of their research and profession. In 2017 the Province of Limburg selected in collaboration with the Van Eyck its own NEARCH-artist. This artist deals with the same topics on the basis of the rich archaeological heritage of Limburg.
As an outcome of these collaborations the artists made new work that is shown in The Materiality of the Invisible. The exhibition is spread out over three venues in Maastricht (Van Eyck, Marres, Bureau Europa) and deals with the archaeological approach of contemporary artists to reveal hidden, ignored, neglected and covered sides of our social, political, economic, material reality. Besides the work of the NEARCH-artists works of twenty others artists are exhibited.

The Materiality of the Invisible offers a powerful opportunity to reflect upon our ideas of reality. It is not only the past that is a foreign country but also the present and the future. Artists and archaeologists make that visible and in doing so broaden our perspectives and enlarge our horizons.

Part of EAA 2017 will be dedicated to a dialogue between artists who reside at Jan van Eyck Academie and members of EAA. On August 31st all participants are invited to visit the The Materiality of the Invisible and to join conversation with the artists mentioned below. The programme item is spread out over three venues in Maastricht: Van Eyck, Marres, and Bureau Europa (see map on page 36).

**NEARCH - Van Eyck artists**

**LEYLA CARDENAS (CO, 1975)**

The point of departure for this project is to develop an expanded notion of ‘columns of time,’ referring to a method for retrieving continuous sediment from the ground. For Cardenas this is not only a methodology, but she considers the column itself as a sign, symbol and form. She has been researching the concept of stratification and for the NEARCH project she set out to explore deeper possible outcomes for the ‘law of superposition’ (the physical law asserting that deeper layers of sediment or archaeological strata will naturally be older than the layers above them).

How to interweave possible connections between different notions of time and space, or examine the relationship between 2D and 3D, the digital glitch & the archive, maps and weaves?

Her position in this research is that there will always be an ambivalent and fragile relationship of stability between theory and fact when a linear (woven) illusion of continuous time is presented. Her quest towards translating this (in)stability into form is therefore how to dissect and question the material evidence found in such columns of time. How to involve all layers in a non-linear way, simultaneously, in order to propose a different perspective on the inter-relationships between the layers of meaning that reveal themselves through fabric of archeological practices?

Leyla Cardenas exhibited among others at Miami Art Basel, Palais de Tokyo, Paris, Los Angeles County Museum of Art (LACMA), Museum of Fine Arts, Houston (MFAH), Museo de Arte de Zapopan, México and art fairs as ArtBo, PhotoLondon, FIAC, PhotoParis.

Partners: ADS and the Department of Archaeology at the University of York
JOEY BRYNIARSKA & MARTIN WESTWOOD (GB, 1981/1969)

A leading aspect of the project by Joey Bryniarska and Martin Westwood is their identification of patterns across the multiple physical and virtual sites of their archaeological counterparts; where they look at how constellations of raw materials, information, objects, everyday routines and disciplinary boundaries can be considered as equal partners in constructing historical artefacts and their narratives of value. They are interested in how scientific – and more specifically archaeological – method actually ends up actively re-producing its objects through its representations and simulacra, in light of archaeology’s ever-expanding technological toolbox. If this is the case then we might propose that these objects, as a consequence, have a closer relationship with an emergent future than to an historically given past. Bryniarska and Westwood are therefore complicit in a paradox of praxis: how can emergent methods and manners build a bridge to the rhetoric and artefacts of the past, which at the same time are relevant to how we live now?

Responding to this methodological conundrum as a twist, a division or a split – they have selected specific examples from their research where distinctions between anomaly and waste; between the identified and the superfluous; between stratigraphy and the spoil heap, occupy a grey area with uncertain status. These include: a crawl space in the attic of a gothic basilica; the cut of an axe through a soon-to-be saintly neck; the all-obliterating path of a high-speed rail link in construction, and the rumour of a spoil heap on a Swedish archipelago.


Partners: Department of Historical Studies, Gothenburg University – French National Institute for Preventive Archaeological Research (INRAP), France - The Archaeological Unit of Saint-Denis (UASD)

MATTHEW C. WILSON (US, 1982)

Sequential organization and scalar interactions are both essential tools for archaeology. Matthew Wilson stretches and expands associated material processes, pushing their conceptual applications. In Wilson’s work, the long-term perspective offered by archaeology is felt - as a sort of inertia - which tracks into the future; the present feels strangely distant. For, example, Wilson considers the atmosphere as an archaeological object produced over vast scales of time and space; it is already an object of ruin despite its on-going production. For the Materiality of the Invisible exhibition Wilson will present video and sculpture developed from extensive site visits. These sites include not only archaeological excavations but also laboratories, offices, archives, museums, and even texts; in this approach archaeology is both a methodology and an apparatus. The work for the exhibition is divided into three sequences, each with vast scalar interactions: a “metabolization sequence,” from the body to the landscape; a “disarticulation sequence,” from stone tools to discourses; and a “reciprocation sequence,” from the movement of material under a microscope to cosmological movement.
Can the study of ancient artifacts and cultures truly provide an authoritative account of universal human ‘truths’? Alternatively, does such study provide a mirror to consider the subjective values held by researchers within their own society? Rossella Biscotti’s work for the NEARCH project has taken these propositions as the departure point for her research. The Processual school of archeology that dominated the field in the 1960s and 70s was founded in a claim of “objectivity.” However, Post-Processual archeologists have voiced a concern that the materialist study of objects through scientific methods offers false laws, influenced by the socio-economic background of the archeologists themselves—who are too often white, privileged, and male. Since 1993, Hodder one of the key thinkers of this school has put these ideas to the test at Catalhoyuk in Turkey - the largest and best-preserved Neolithic site yet discovered. This assessment involves looking into and analyzing the decentralized project management teams, self-reflective and diarist reporting, data sharing and an understanding of the site as living community joining both professional agents and local actors. In 2015, Biscotti lived on site during the excavation period and recorded how these methods were activated so as to study an ancient people whose own community underwent various and radical socio-economic changes.

Rossella Biscotti exhibited among others at Frieze Art Fair, Kunstlerhaus Bethanien, Berlin, Manifesta 9, Genk (BE), Maxxi Museum, Rome, Adelaide Festival, Adelaide (AU), Witte de With, Rotterdam, WIELS, Brussels, DOCUMENTA, Kassel.

Partners: Institute of Prehistory, Adam Mickiewicz University (AMU)

Iratxe Jaio and Klaas van Gorkum’s artistic investigations concern the fate of excavated artefacts whose status is yet to be determined, whether because of unreliable provenance, suspicions of forgery, or simply because of a lack of understanding of their significance. Like works of art, these ambiguous objects provide a space for speculation, and embody as such the potential reconfiguration of entrenched historical narratives. The artists’ collaboration with INCIPIT involves the exhumed remains of thirteen soldiers from the Spanish Civil War, for whom an appropriate destination must be sought now that the archaeological investigation has completed. Memories of this war and the dictatorship that followed it are still politically sensitive subjects in Spain. They have been asked to intervene in the relocation of these unidentified and unclaimed bodies to the cemetery of the municipality where they were found, so that their final voyage may become part of a broader, public reflection on the legacy of this history.
In parallel, the artists have conducted a study of the current state of the monuments of fascism that still lie scattered across Spain. Their contribution to the exhibition “The Materiality of the Invisible” will include a replica of an obscure stele, erected in memory of three German soldiers from the Condor Legion, whose names have been chiseled away by an anonymous passer-by. Also on display will be their project “Nire ama Roman hil da”, a forensic examination of texts and drawings inscribed on Roman potsherds that were discovered in Basque Country, of which the alleged forgery became the subject of an ongoing polemical dispute.


Partners: INCIPIT - Institute of Heritage Sciences (of the Spanish National Research Council)
Significant additional support: Josu Santamarina Otaola (UPV – University of Basque Country) - Xurxo Ayán Vila (UPV – University of Basque Country)

**GIUSEPPE LICARI (IT, 1980)**

In our time, the creation of waste is the creation of cultural material. The industrial revolution of the 20th century and the consumerist lifestyle that it generated are fundamentally intertwined with the production of waste that transcends all scales, from household waste to industrial waste that transformed whole regions. Human waste is literally embedded within our history and society. If archaeology is the study of cultural products, the study of waste produced by human activity can also be considered a type of archaeology. This archaeology doesn’t concern solely the study of remaining objects and sites as testaments of human civilization but includes the creation of cultural landscapes as by-product of industrial processes, and the emerging hybrid nature and society of which humans are indissolubly part and creators. What kind of soil have we inherited from the era of Modernism? Can this archaeology of soil help us look at the anthropogeology of industrial waste as a complete representation of the past upon which we have to build our future?

On invitation of the Province of Limburg, Giuseppe Licari will spend one year at the Van Eyck researching and realizing new work that deals with the cultural landscape of Limburg, its cycles of production and its heritage.

Giuseppe Licari exhibited among others at MING Studios, Boise, Idaho Rotterdam Contemporary Art Fair, Le Fonds Belval, Belval (LU), Iris Foundation, St. Petersburg, Artfestival Watou (BE), and art fairs as Stockholm Independent Art Fair.

Partners: Province of Limburg, Netherlands.
ADDRESSES

Van Eyck. Multiform Institute for Fine Arts, Design and Reflection
Academieplein 1
6211 KM Maastricht

Free tickets and more information are available at the NEARCH-booth in the Expo Foyer of MECC

Marres. House for Contemporary Art
Capucijnerstraat 98
62211 RT Maastricht

Bureau Europa. Platform for Design and Architecture
Boschstraat 9
6211 AS Maastricht

Moderated conversations, questions and answers, with the NEARCH-artists and the NEARCH-archaeologists:

THURSDAY 31 AUGUST

11.00 - 12.00 am, at Van Eyck:
The Material and the Invisible in Art and Archaeology
Michael Shanks will engage in conversation with NEARCH artists Matthew Wilson, Joey Bryniarska and Klaas van Gorkum and with the NEARCH archaeologists Kai Salas Rossenbach and Felipe Criado-Boado.

3.00 - 5.00 pm
Meet and speak with the NEARCH-artists in the venues:
Van Eyck: Klaas van Gorkum and Iratxe Joaio
Marres: Martin Westwood and Joey Bryniarski, Matthew Wilson
Bureau Europa: Leyla Cardenas
Keynote Lectures

The EAA 2017 meeting at Maastricht allows for experimentation with regard to session formats. This is to give more room to cross-discussion and dialogue. In this context Keynote Lectures (including discussion) are introduced as a new format. Keynote Lectures are related to the five themes of the meeting.

ABSTRACTS

CONTEMPORARY ARCHAEOLOGY - TOWARDS A CREATIVE POLITICAL ECONOMY

PROF. MICHAEL SHANKS, PROFESSOR OF CLASSICS, STANFORD UNIVERSITY ARCHAEOLOGY CENTER AND MEMBER OF THE CENTER FOR DESIGN RESEARCH, STANFORD’S SCHOOL OF ENGINEERING

(Wednesday August 30th, Opening Ceremony, 16.00-18.00 hrs., auditorium 1)

What is archaeology become in a runaway world of disconcerting and disorienting change? How best might we understand archaeological practices in our contemporary context of radical changes in the cultural politics of pasts in the present.

This keynote offers a vision of a cocreative answer and future to these issues by looking back through the genealogy of academic archaeology, taking us back to the transdisciplinary eighteenth century when, contrary to orthodox histories of the discipline, antiquarian pursuits were the model of experimental scientific research -creative learning that transcended later disciplinary borders, offering orientation upon the radical shifts occurring in the political economy of newly emerging nation states.

We share the same antiquarian imagination as those times, albeit evolved with the global spread of the nation state and the institutionalization of knowledge industries.

The need and opportunity remains to embrace open and inclusive approaches to past-present articulations in a creative political economy of knowledge production. What is new? The means of knowledge production are now potentially more open and widespread. Drawing on examples from the academy, from the arts, from the corporate world, and from popular culture, Michael shows how the “republic of letters” is (potentially) returned, transcending science and humanities, with added and powerful valencies in a libidinal cultural economy of memory and identity politics.
In response to so many national, European and global challenges, we are today facing some encouraging signs of a renewed political commitment to the European project based on a set of European values. In this changing political context, there is a growing need to put a much higher emphasis on our shared culture and shared history as a strategic and cohesive force for the future of Europe. The forthcoming European Year of Cultural Heritage in 2018 provides a perfect opportunity for such a shift in EU policy and funding priorities.

The speaker will argue that archaeology, as well as all the other disciplines that help define and better understand our European cultural background and our present multi-layered identity, can have a decisive role in this vital process. Since archaeology investigates the most remote past of this identity, it is essential to help our better understanding that we, Europeans, have more common cultural baggage, than differences and also that we have important cultural ties with other world civilisations. At the same time, since Archaeology investigates networks, as well as the material culture of populations, it is also a strong tool to identify the nuances, the diversities, which make our culture so rich and multifaceted. But some groups of people and some political leaders are using these differences to build walls rather than bridges. We must therefore ensure that Archaeology is not used to divide but rather to unite. We indeed need to accept and embrace the idea that diversity is a strong asset to our European identity and to our open society.

The speaker will illustrate her contribution by examples of outstanding archaeological projects from various parts of Europe that have received in the past years one of the European Union Prize for Cultural Heritage/Europa Nostra Awards.
WHY DO ARCHAEOLOGISTS NEED INTERNATIONAL LAW?

MR. LEONARD DE WIT, PRESIDENT OF THE EUROPAE ARCHAEOLOGIAE CONSILIUM AND CULTURAL HERITAGE AGENCY OF THE NETHERLANDS

(Thursday August 31st, 14.00-15.15 hrs., room 2.1, followed by session 257 Malta: A roadmap towards a global Convention)

It is not a rarity that the wish for international law is provoked by dissatisfaction with the acting of government within a nation state. In despair archaeologists can be looking for a Big Brother abroad, who can come to rescue. If the plea for more or better international conventions for the dealing with archaeological heritage can be tracked back to this sentiment, this plea it is likely to fail.

This keynote will – in short – explain the genesis of international law for dummy’s (and archaeologists). What triggers the need for international cooperation? When and why do we put our faith in legally binding conventions? And what does ‘legally binding’ means in an international context. To answer these questions one needs to have an overview on the international law which already exist. More in particular it is important to get a grip on the working and potential of the Valletta convention and the Unesco World Heritage Convention. In the end it might be a good idea to make better use of the things we already have, instead of putting a lot of energy in producing new arrangements (with a very insecure outcome).

AN AFFECTIVE ARCHAEOLOGY OF BORDERS

PROF. YANNIS HAMILAKIS, JOUKOWSKY FAMILY PROFESSOR OF ARCHAEOLOGY AND PROFESSOR OF MODERN GREEK STUDIES AT BROWN UNIVERSITY

(Thursday August 31st, 17.00-18.15 hrs., room 2.1)

What does it mean to do archaeology in the era of global migration and of reinforced borders? How can archaeology position itself in the global epistemic, temporal, national, and socio-political borderlands? Do the proliferation of the theoretical paradigms and “turns,” and the expansion and appropriation of the concept of archaeology threaten its coherence and integrity or do they lead to its strengthening and the widening of its appeal? These are some of the questions that I will attempt to tackle in this talk, based on a variety of research contexts and approaches, from archaeological ethnography to the archaeology of forced and undocumented migration, primarily in the Mediterranean. I will advocate a decolonial archaeology which is neither about the past nor about the present, but about multi-temporal presences, engendered by the sensorial and affective power of matter. This is an archaeology as a shared space of encounters, as border thinking and practice which can intervene in the current moment of perpetual crisis.
‘THE MOST EXCITING OF TIMES:’ REFLECTIONS ON THE THIRD SCIENCE REVOLUTION AND ITS IMPACT ON THE FUTURE OF ARCHAEOLOGY.

PROF. KRISTIAN KRISTIANSEN, PROFESSOR OF ARCHAEOLOGY AT THE UNIVERSITY OF GOTHENBURG

(Friday September 1st, 10.00-11.15, room 2.1)

Three years ago I presented my vision of the third science revolution and its impact on archaeology in the fields of Big Data, archaeological modelling, genetics, and not least in the interaction between archaeology and the public. In this presentation I wish to reflect on developments since then, not least the breakthrough of ancient DNA and its many new results which completely changes our understanding of prehistory. Finally, I shall discuss how the millions of personal DNA tests may affect and effect personal and cultural identities in the future.

HOW CAN WE COMPARE THE RESULTS OF REGIONAL ARCHAEOLOGICAL PROJECTS? WHAT IS TO GAIN FROM COMPARISONS OVER LARGE GEOGRAPHICAL DISTANCES OR ACROSS PERIODS?

PROF. JOHN BINTLIFF, HONORARY PROFESSOR OF CLASSICAL AND MEDITERRANEAN ARCHAEOLOGY AT LEIDEN UNIVERSITY AND HONORARY PROFESSOR IN THE ARCHAEOLOGY DEPARTMENT AT EDINBURGH UNIVERSITY

(Friday September 1st, 14.00-15.15, room 2.1)

For good logistical reasons Archaeology is primarily practised at the regional level. Less logically, regional archaeology is usually compartmentalised by period, reflecting the educational specialisation of its practitioners. Gaining an overview of a region's development meets with problems of comparability of data collection and recording. Even greater difficulties occur with our growing desire to undertake inter-regional comparisons. Yet successful examples can be highlighted where these hindrances have been overcome. Regional syntheses, synchronous and diachronous are achievable, and rarer but promising examples exist of comparative developmental studies between regions, even continents apart.

If comparing societies between regions is already a proven practice for archaeologists, more neglected is synthesis in the long-term - Braudel's 'longue durée.' Yet case-studies reveal that cross-period analysis – the juxtaposition of archaeological data from different periods of the same region – can be a chastening experience to question our assumptions and received knowledge.

Regional synthesis and inter-regional comparisons, and even more so, long term sequence analysis, rapidly involve us in a confrontation with historical narratives. Archaeologists are mostly bounded within nations and national heritage objectives, so that all acts of synthesis challenge notions of national origins, national character and common concepts of traditional life and ethnicity. Long-term sequences within a region or wider can easily find themselves intricated in debates over superiority, 'civilisation,' and inno-
vativeness. Maintaining objectivity and independence from external narratives is both difficult and may easily conflict with mission statements of public and commercial archaeological organisations. Finally the concept of the ‘region’, in itself, possesses a thought-provoking historiography. Historical Geography, the prime expert exponent in this field, teaches us to look for alternations of introversion and extraversion of the region, with regular and informative extremes of impermeability and permeability of regional borders to social and economic forces, scenarios for which we now possess archaeological and biological indicators.

**SHORT BIOGRAPHIES**

**Michael Shanks** is Professor of Classics, senior founding faculty of Stanford University Archaeology Center, and a member of the Center for Design Research, the “d.school” in Stanford’s School of Engineering. He received his BA and PhD from Cambridge University, and was chair at the University of Wales, Lampeter before moving to California in 1999. Michael’s research interests include design history and theory; performance design; archaeological theory; heritage studies and archaeologies of the contemporary past; the archaeology of Graeco-Roman urbanism; the regional archaeology of the English-Scottish borders. Recent books include Archaeology in the Making: Conversations through a Discipline (edited with Bill Rathje and Chris Witmore, 2013); Archaeology: The Discipline of Things (with Bjørnar Olsen, Tim Webmoor and Chris Witmore, 2012), The Archaeological Imagination (2012), and Greece and Rome: A New Model of Antiquity (2018). His work in heritage and cultural policy tied to strategic foresight and innovation includes ten years as advisor to the Mayor and City of Rotterdam, academic advisor to the Historic Vehicle Association of America, and consultancy with many Silicon Valley companies and agencies.

**Sneška Quaedvlieg-Mihailović** is the Secretary-General of Europa Nostra, the pan-European federation of non-governmental organisations active in the field of cultural and natural heritage. Sneška has advocated and supported European policies and programmes that aim to preserve cultural heritage and that foster the respect and understanding of other people’s cultures for almost three decades. Europa Nostra closely cooperates with the UN and UNESCO, the Council of Europe and especially with the European Union. The common thread in many of the initiatives which Europa Nostra has led, or has been part of, is that culture plays an essential role in society and that cultural dialogue between the citizens of Europe is vital to ensure a continued support for the entire European project.

**Leonard de Wit** studied law at Utrecht University and is a legal expert on (international) heritage management. He works for the Cultural Heritage Agency of the Netherlands. For 10 years he was Head of the department of Strategic and International affairs. In that position he was responsible for the implementation of the heritage conventions of UNESCO and the Council of Europe. Recently he changed jobs within the Cultural Heritage Agency and became head of the regional advisory department. Since march 2016 Leonard de Wit is acting President of the Europae Archaeologiae Consilium (EAC). He is a member of the ICOMOS International Scientific Committee on Legal, Administrative and Financial Issues (ICLAFI).
And he is guest lecturer for a master course on international conservation policies at Leuven University (Raymond Lemaire International Center for Conservation).

Yannis Hamilakis is currently the Joukowsky Family Professor of Archaeology and Professor of Modern Greek Studies at Brown University. He has studied at the University of Crete and the University of Sheffield. He has taught at the University of Wales Lampeter (1996-2000) and at the University of Southampton (2000-2016). Yannis is committed to an anthropologically-informed, critical archaeological engagement with past and present material culture, and to the inter-disciplinary nature of archaeological work. He believes in a politically committed archaeological and academic practice, devoted to social justice. His main research and teaching interests are the archaeology of the body and of bodily senses, the archaeology of eating and drinking, social zooarchaeology, the socio-politics of the past, archaeology and nationalism, archaeological ethnography, archaeology and photography, the archaeology of contemporary migration, and critical pedagogy in archaeology. Although much of his fieldwork is to do with the prehistoric (Neolithic and Bronze Age) Aegean, many of his projects are multi-temporal. Between 2007 and 2010 he directed the archaeological ethnography project of Kalaureia on the island of Poros, and since 2009 he co-directs the Koutroulou Magoula Archaeology and Archaeological Ethnography Project in Greece. He has published several books including, The Nation and its Ruins: Antiquity, Archaeology, and National Imagination in Greece (2007), Archaeology and the Senses. Human Experience, Memory, and Affect (2013), and Camera Kalaureia: An Archaeological Photo-ethnography (2016; with Fotis Ifantidis).

Kristian Kristiansen is professor of Archaeology at the University of Gothenburg. His main research is on the Bronze Age but also on archaeological theory and archaeological heritage. In his books he has promoted a European perspective on the Bronze Age, whereas in his archaeological excavations he concentrated on local areas in Sicily, Hungary and Denmark/Sweden. During the last six years he has been leading an interdisciplinary project on mobility during the 3rd and 2nd millennium in western Eurasia combining aDNA, strontium and lead isotopes. He is now continuing this research in a new six year project also including Indo-European languages. Another recent project is the creation of a Research Institute for Rock Art, making primary documentation of rock art accessible to the public. Finally he is engaged in an interdisciplinary collaboration at University of Gothenburg, called The Heritage Academy, to promote research and teaching on cultural heritage. Recent publications, among many others, include Bronze Age Vikings? A Comparative Analysis of Deep Historical Structures and their Dynamics (2016) and Towards a New Paradigm? The Third Science Revolution and its Possible Consequences in Archaeology (2014), and most recently: Re-theorising mobility (2017 in Antiquity).

John Bintliff is Honorary Professor of Classical and Mediterranean Archaeology at Leiden University and Honorary Professor in the Archaeology Department at Edinburgh University. He studied Archaeology and Anthropology at Cambridge University, where he also completed his PhD in 1977 on the (pre)history of human settlement in Greece. He was Senior Lecturer in Archaeology at Bradford University and Durham University. In 1999 he moved to Leiden to become Professor in Classical and Mediterranean Archaeology.
Since 1978 he has been co-directing (with Cambridge University) the Boeotia Project, an interdisciplinary
programme investigating the evolution of settlement in Central Greece. He is currently co-director of the
ERC Project 'Empire of 2000 Cities'. Key recent publications include The Complete Archaeology of Greece.
From Hunter-Gatherers to the Twentieth Century AD (2012) and Recent Developments in the Archaeology
of Greece (editor, 2015). John is also General Editor of the Journal of Greek Archaeology.
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Guidelines for Presentations and Discussions

POSTER PRESENTATIONS

Posters are an invaluable element of EAA Maastricht 2017. They are an excellent way of communicating research in a visually appealing manner. They do support the oral presentations greatly. Posters are an excellent way to present your research and engage actively with the audience. To maximize their impact and encourage we have placed posters at the heart of the conference in the Expo Foyer. The Expo Foyer creates a pleasant experience encouraging as many delegates as possible to engage with poster presenters while leisurely enjoying a coffee break, lunch or drink.

At EAA 2017 it is possible to have posters hanging throughout the meeting. Poster presenters are encouraged to be next to their poster during the breaks on the day of the poster’s session to engage in discussion with delegates interested in their research. Poster presenters are responsible for hanging their poster. Stewards will be available to provide assistance. It is possible to hang posters on arrival. They should be in place by 8.30 on the day of the poster’s session. Posters should be retrieved on departure. Any posters remaining after Saturday September 2nd 18.00 will be taken down and discarded.

Please note: we adopted ‘landscape’ as poster format: 95cm (height) x 136 cm (width).

ORAL PRESENTATIONS

GUIDELINES FOR PARTICIPANTS

During the 23rd Annual Meeting of the EAA ca 1800 papers and posters will be delivered over 180 sessions, round tables and meetings. In order to ensure that the Scientific Programme runs as smoothly and efficiently as possible, we would be most grateful if you would adhere strictly to the time schedule. Each session will start with a short introduction. In some cases the first paper serves as an introduction to the session. A discussion of ca 15 minutes will bring each session to a close. Lunch will be from 12.45-14.00 Hrs. Oral presentations within ‘sessions’ are 15 minutes. The length of oral presentations within ‘discussion sessions’ should be established by the session organisers and communicated with the speakers. In case of PechaKucha presentations please keep to 6 minutes and 40 seconds (and six slides). There will be time dedicated to questions and discussions at the end of the session. Poster presentations will take place during the break after the session. It is possible to have posters up during the full length of the conference. We kindly ask every participant to carefully read the session programme, included in this book. Speakers should ensure that their paper does not exceed the time limit and session organisers should bring papers to a conclusion once the allotted time has elapsed. Presentations should not be shifted if a speaker is absent. The blank time could be used for discussions. We would like to ask participants not
New Scenarios for a Community-involved Archaeology

Archaeology and cultural heritage management have undergone significant scientific and professional developments over the last 25 years.

The NEARCH project aims to study the various dimensions of public participation in archaeology today and to propose new ways of working and cooperating in a profession strongly concerned by the current economic crisis.

Coordinated by the French National Institute for Preventive Archaeological Research (Inrap), NEARCH relies on a European-wide cooperation network. The project is supported by the European Commission for 5 years (2013-2018) in the framework of the “Culture Programme”.

to switch between sessions between breaks. Speakers should come to the room at 08.15 on the morning of their scheduled paper and bring their presentation on a memory (USB) stick for uploading onto the computer. Files should use the speaker’s surname and session I.D. number. Session monitors will be in attendance to assist. Please note that the IT services do not support Apple products and speakers will not be able to connect their own devices. Important notice: It is forbidden to film at sessions, the Annual Business Meeting and other official occasions without the permission of the EAA 2016 Secretary.

EAA MAASTRICHT 2017 – SAFER SPACE POLICY

To ensure that everyone attending the 23rd EAA Annual Meeting is able to participate in it fully and feel welcome, we are committed to providing a safe and hospitable environment. A Safer Space Policy is a set of guidelines asking all conference participants to be mindful of their behaviours and the way that it affects others. While this conference is intended to foster discussion and debate, it is nonetheless very important that all spaces are welcoming and that nobody is subjected to aggression, hostility, or intimidation prior to or during the conference. The organisers will not tolerate discrimination based on gender, gender identity, ethnic background, sexual orientation, class, religious beliefs, age or disability.

We therefore kindly ask everyone – session organisers, workshop and roundtable leaders, speakers and delegates – to remember:

• to not make assumptions about people's gender identity, abilities or backgrounds
• to respect people's boundaries, physical and emotional
• constructive criticism and dissent are welcome, but should be focused on the issue, not the person. Personal attacks and false and defamatory accusations will not be tolerated
• to respect the rights of all to speak without interruption
• and to have their viewpoints heard.
• to stay on topic – before raising an issue, please ask yourself if you're making a contribution to the discussion and if you are raising that issue in the right setting
• to consider the effect your own words and actions may have on others

Please remember that these guidelines are a collective responsibility. Please do not unreasonably interfere with another person’s ability to enjoy and participate in the 23rd Annual Meeting of the EAA, including social events related to the conference.
Excursions Programme

The Euroregion Rhine-Meuse has such a rich cultural heritage that it was really difficult to choose archaeological and historical sites to visit! From Paleolithic sites to World War II fortifications, and from Roman baths to medieval cathedrals. We tried to make sure that the richness of the heritage in our three countries is presented in the excursion program. But the number of for example medieval churches, monasteries and castles in our region is so large that with every choice we made, we also encountered a lot of regrets and disappointments. As you can see in the themes of the excursions we really tried to give you the opportunity to visit several highlights of our region: from the famous flint mines of Rijckholt ("Back to the Stone Age") via the Roman baths of Heerlen ("Are you a Roman?") to the famous Dom of Charlemagne in Aachen ("Buon Camino") and industrial World Heritage sites in Blegny ("Euroregional Industrial Heritage in mining"). We will visit the Limburg Museum in Venlo ("Up North"), the Préhistosite of Ramoul ("Back to the Stone Age") and the Archaeological Park of Xanten ("Behind the Scenes").

At our website http://www.eaa2017maastricht.nl/excursions you can have a look at the program and hopefully you will be inspired to visit several sites during our conference excursions...or just come back and visit our Euroregion on your own. You are always welcome!

If you have already registered and wish to book an excursion please contact the registration desk or the conference secretariat at helpdesk@klinkhamergroup.com
Visiting Maastricht

TRAVEL TO MAASTRICHT

Maastricht is situated in the heart of Europe, surrounded by Belgium and Germany and close to France. Maastricht, the most southern city in The Netherlands, is very easy to reach by car, train or airplane. The connection with major European cities is very good.

BY PLANE

You can reach Maastricht using different airports.

The Netherlands
- Eindhoven Airport (1 hour by car; 1.5 hours by public transport)
- Maastricht-Aachen Airport – (20 minutes by car; 45 minutes by public transport)
- Schiphol Amsterdam (2.5 hours by car; 2.5 hours by public transport)

Belgium
- Brussels Airport – Zaventem (1 hour by car; 1.5 hours by public transport)
- Charleroi Airport (1.5 hours by car; 3 hours by public transport)
- Liège Bierset Airport (0.5 hours by car; 1 hour by public transport)

Germany
- Düsseldorf International Airport (1.5 hour by car; 3 hours by public transport)
- Cologne-Bonn Airport (1 hour by car; 3 hours by public transport)
- Düsseldorf/Weeze Airport (1.5 hour by car; 3 hours by public transport)

BY PUBLIC TRANSPORT

- “Maastricht-Randwyck” station is located 250 metres from MECC Maastricht and is part of the national and international railway network. There are frequent trains to Maastricht Central Station, which is also linked to the national and international railway network.
- Schiphol Amsterdam: 2.5 hours travel time
- Brussels: 1.5 hours travel time
- Düsseldorf: 3 hours travel time
- Paris: 3.5 hours travel time
- London: 4 hours travel time

Please check the Dutch route planner www.9292.nl/en for actual train and bus connections to MECC Maastricht, on Forum 100 in Maastricht.
Join the 24th EAA Annual Meeting in Barcelona

www.e-a-a.org/eaa2018
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The OV-chipcard is now the most common system of paying for trams and buses throughout the Netherlands.

WHAT IS THE OV-CHIPCARD?
The OV-chipcard is becoming the standard payment method for the public transport system in the Netherlands. The smart card is the size of a bank card and contains an invisible chip. The OV-chipcard is a prepaid card which you can use to travel anywhere within the Netherlands by train, metro, bus and tram. You can also use it to purchase a travel product such as a one-way journey or a season ticket.

HOW TO GET AN OV-CHIPCARD?
It is recommended to buy an Anonymous OV-chipcard for € 7,50. An anonymous OV-chipcard can be purchased at the stations, in newsagents and at serve counters. An anonymous card is valid for four to five years. You can keep the card to use it again. The credit will also remain valid. Or you can get the left-over credit back at a public transport company counter. You will pay € 1 in administration costs. If you wish to terminate the card, please request a form from the counter. Complete the form fully and post this along with the card to the address given on the form.

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BY CAR
Signing of MECC Maastricht is visible as soon as you reach the outer ring of Maastricht. Follow these signs until you reach the MECC car park. If you are travelling south on the A2/E25 motorway (from Amsterdam-Eindhoven), take exit 55 signed ‘Randwyck-MECC’. If you are travelling north on the A2/E25 motorway (from Paris-Liège) take exit 56 signed for ‘Gronsveld-MECC’. You can park your car best at P7. You enter the venue through the Forum Entrance.
GENERAL INFORMATION

SMOKING

Smoking is banned in public buildings, restaurants and cafes throughout the Netherlands, including the conference venues.

TRAVEL IN MAASTRICHT

Maastricht is a compact town and many of the conference venues and attractions are within walking distance. Taxis must be booked either directly or through your hotel, as taxis are not generally available to be hailed on the street.

RECOMMENDED TAXI SERVICE:

Taxi Avantax: +31 (0) 43 450 64 64

TIME ZONE

UTC+01:00

LANGUAGE

Dutch is the official language in the Netherlands but English is widely spoken in Maastricht. The official congress language is English and no translation/interpretation services will be offered.

WEATHER

Average Temperature for August-September: 20 – 25 Celsius (occasionally 30 Celsius). Even though it is summer we recommend bringing some wet-weather gear for the occasional rain shower.

INTERNATIONAL DIALING CODE

The Netherlands: +(31)
EMERGENCY

In emergency situations, you can contact the local police, ambulance service, fire department and other emergency services by calling 112.

ELECTRICITY

The standard electrical voltage in the Netherlands is 230 volts AC, 50Hz (hotel bathrooms may also have outlets for 100 volts). The electrical outlets in the Netherlands take two-pronged, round-pin plugs. We recommend that you purchase an adaptor for your electrical equipment prior to your arrival.

MEDICAL SERVICES

Should you need to see a doctor or a dentist, we recommend contacting your hotel's reception desk who will direct you to the medical professionals assigned to the hotel. The GP Medical Post is intended for conditions requiring urgent attention and for acute medical care outside regular consultation hours for patients. Always contact the GP Medical Post first on +31 (0)43 387 77 77
At the MECC venue, medical assistance (Red Cross) will be available during the meeting.

If immediate medical attention is required, call the emergency services at 112. Emergency medical services (including transportation by ambulance) are not free and you will be billed for any services rendered.

WATER

Tap water is safe to drink in Maastricht.

CONVERSIONS: DISTANCE & TEMPERATURE

Distances in Maastricht are given in kilometers.
1 mile = 1.62 kilometers
Temperature is given in degrees Celsius
Celsius to Fahrenheit: multiply Celsius by 1.8 and add 32 to convert to Fahrenheit.

CURRENCY

The currency used in The Netherlands is Euros (€).
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ATMS & CREDIT CARDS

ATMs are widely available throughout Maastricht and most are open 24 hours a day. Souvenir and clothing stores accept all major credit cards, however grocery stores, bars and some restaurants will only accept cash.

SALES TAX

The Dutch VAT rate for most goods is 21% (a reduced rate of 6% applies to some goods).

TIPPING

Most restaurants in Maastricht will automatically include a service charge to bills. A 5-10% tip at restaurants and bars is appropriate.
For Forum Passage and the conference rooms on the first floor, see next page.
Venue map MECC - Forum Passage - Floor 1
Venue map MECC - Floor 2
Exhibition

MECC, Expo Foyer

Wednesday 30 August 2017  18:00 – 19:30
Thursday 31 August 2017  08:00 – 18:00
Friday 1 September 2017  08:00 – 18:00
Saturday 2 September 2017  08:00 – 16:00

LIST OF EXHIBITORS

01 Beta Analytic
02 Saricon
03 Treasons Media Agency
04 / 05 SPA uitgevers
06 ICA
07 / 08 Sidestone Press
09 Kiel University - CRC1266
10 Brepols Publishers
11 Editions De Boccard
12 Archaeolingua Foundation
13 Antiquity
14 Archaeopress
15 Leiden University - Faculty of Archaeology
16 Routledge, Taylor & Francis Group
17 Oxbow Books
18 Wiley
19 Groningen University
20 Equinox
21 Institute for European and Mediterranean Archaeology (IEMA)

22 Oxford University Press
23 Chartered Institute For Archaeologists (CiFA)
24 Marie Curie Alumni Association (MCAA)
25 SENSYS Sensorik & Systemtechnologie GmbH
26 Beyond Arts Guides
27 BAR Publishing
28 Daiichigosei
29 NEARCH
30 Archaeological Institute of America
31 EAA 2018 Barcelona
32 Cambridge University Press
33 Society for American Archaeology
34 Brill
35 Inari Software GmbH
36 Cultural Heritage Agency of the Netherlands

TRAJECTUM EAA
Exhibitors floorplan
MAKO
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Saricon is a company founded in 1992 and specialized in UXO (Unexploded Ordnance)-consultancy and UXO-remediation. Apart from Historical Research (WW1-WW2), UXO-detection and Risk Assessments, Saricon has a lot of experience with geophysical surveys in general. Our main fields of interest for geophysical surveys are:

- Archaeology
- UXO (terrestrial – marine)
- Civil & geological engineering

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Saricon is a member of:

- VEO (Vereniging Explosieven Opsporing)
- Geobusiness (Special Interest Group Geophysics)
- ISAP (International Society of Archaeological Prospection)
7REASONS MEDIA AGENCY [BOOTH 03]

Over 18 years the media agency 7reasons is producing multimedia content printed and online presentations, films, interactive applications, DVD-s and a broad range of other digital productions. While covering a wide field in terms of techniques applied and services offered, the company has specialised thematically in dealing with projects connected to cultural heritage and within this range especially historical, archaeological and museological research, reconstruction and education issues.

http://www.7reasons.net

SPA UITGEVERS [BOOTH 04 / 05]

Spa-uitgevers is a publisher of archaeological books for more than ten years with best-sellers like Stepping Through Time, Purses in Pieces and Cities in Sherds. Our internet bookstore has more than 5000 titles in stock about Prehistory, the Roman period and the Medieval and Post Medieval period.

www.spa-uitgevers.nl

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SIDESTONE PRESS [BOOTH 07 / 08]

Sidestone Press is an academic publishing house founded by archaeologists. We believe scientific information should be available at all times, in all places and to each and every one. Sidestone books are published in hardback, paperback and as e-books that can be found in libraries and bookstores around the world. We fully support Open Access, you can read our books for free on our website and authors are free to upload PDFs whereever they want. By offering access to our books for free, more people than ever have access to our publications.
We now publish books and series for universities, research institutes, museums and individual authors from all over the world. Although we open to all disciplines, we mostly publish books on archaeology, anthropology and history.

**KIEL UNIVERSITY - CRC 1266 [BOOTH 09]**

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The CRC 1266 takes a long-term perspective, from 15,000 BCE to 1 BCE, to investigate processes of transformation in a crucial period of human history, from late Pleistocene hunter-gatherers to early state societies. Past archaeological and environmental archives are explored not only in different social constellations but also in different landscapes, from the Mediterranean to the Arctic.

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The collaboration of eight institutions and the Johanna-Mestorf-Academy of Kiel University, the Centre for Baltic and Scandinavian Archaeology and the Archaeological State Museum Schloss Gottorf is funded by the German Research Foundation. www.sfb1266.uni-kiel.de/en

**BREPOLS PUBLISHERS [BOOTH 10]**

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**EDITIONS DE BOCCARD [BOOTH 11]**

Editions de Boccard has been a leader in the publication and distribution of scholarly books for more than a century. It carries the publishing reputation of the Académie des inscriptions et belles-lettres, the Ecole française of Rome and the Ecole française of Athens, the Collège de France, French archaeological missions in Central Asia and elsewhere, the Centre d’études alexandrines, and some of the most prestigious university presses. The
works published and distributed by Boccard cover such complementary fields as history, archaeology, the history of law, literary history, philology, paleography, epigraphy, sigillography, numismatics, ceramology, topography, prosopography, and bibliography. Publishing and distributing three hundred new titles each year, Boccard now possesses a general catalog of some 17,000 titles published between the 1860s and the present. Please visit our website www.deboccard.com.

ARCHAEOLINGUA FOUNDATION [BOOTH 12]

Archaeolingua Foundation is a Budapest-based non-profit organization promoting interdisciplinary research in archaeology, historical linguistics and related fields, as well as disseminating knowledge of digital applications and cutting-edge technologies in archaeology. By the publication and worldwide distribution of books, scientific and educational material, Archaeolingua contributes to the preservation of cultural values and heritage.

Archaeolingua has two main book series (‘Main Series’ and ‘Series Minor’), which are implemented through co-operation with national and international institutions (e.g. the European Archaeological Council; Central European University, Budapest; the Institute of Archaeology at the Research Centre for the Humanities, Hungarian Academy of Sciences). Other series of Archaeolingua include the recently launched ‘Archaeopress Central European Heritage Series’ made in collaboration with Archaeopress Oxford, and special thematic series with Pázmány Péter Catholic University and the Department of Egyptology at Eötvös Loránd University, Budapest.

Archaeolingua also publishes an online, bilingual (Hungarian and English) journal entitled Hungarian Archaeology (http://www.hungarianarchaeology.hu/), addressing diverse topics of archaeology, cultural heritage and international research projects.

ANTIQUITY [BOOTH 13]

Antiquity is an international peer-reviewed journal of archaeological research that aims to communicate the most significant discoveries, theory, method and cultural resource management issues rapidly and in plain language to practising archaeologists everywhere.

The journal is published online and in print in full colour throughout. Antiquity also has an online-only Project Gallery, where we publish shorter articles (around 1000 words) about new results and projects.

Antiquity is published by Cambridge University Press on behalf of The Antiquity Trust. Please come along to booth 13 to meet the Editor and discuss your submission ideas or sign up for our e-alerts. We offer the option of Open Access publishing and would be pleased to discuss this with you.

antiquity.ac.uk / cambridge.org/aqy
Archaeopress is an Oxford-based publisher run by archaeologists Dr David Davison and Dr Rajka Makjanic. Archaeopress is devoted to publishing academic work on all aspects of archaeology worldwide across a range of imprints including Archaeopress Archaeology (peer-reviewed monographs and edited volumes), Access Archaeology (refereed Open Access/print monographs and edited volumes), 3rdGuides (accounts of early travellers with an archaeological bias) and more. Our growing range of journals currently includes the Journal of Greek Archaeology, Proceedings of the Seminar for Arabian Studies, the Journal of Hellenistic Pottery and Material Culture and, new for 2017, Ash-sharq: Bulletin of the Ancient Near East. The range of our publications includes monographs, conference proceedings, catalogues of archaeological material, excavation reports and archaeological biographies. Material is published in various formats including print, eBooks, journals and Open Access. Visit our website at www.archaeopress.com.

The Faculty of Archaeology provides education and training in the recovery, analysis, and interpretation of the material remains of the human past, including the application of scientific techniques, as well as the study of archaeological heritage. With a large number of staff and students working all over the world and offering specialised programmes in a variety of topical and technical areas, our Faculty offers an unmatched environment for discussion and debate of practical, methodological, and theoretical matters in archaeology. Learn more about our programmes on World Archaeology, Archaeological Science and Archaeological Heritage and Museum Studies at https://www.universiteitleiden.nl/en/archaeology/education.

Routledge is the world’s leading academic publisher in the Humanities and Social Sciences. We publish many Archaeology books and journals each year, serving scholars, instructors, and professional communities worldwide. Routledge is a member of Taylor & Francis Group, an informa business.

Oxbow Books is a leading publisher, distributor, and bookseller in Archaeology, the Ancient World and the Middle Ages. Through their website and mail-order catalogues they are a one-stop-shop for all the latest publications in archaeology from around the world.
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**UNIVERSITY OF GRONINGEN**

The Groningen Institute of Archaeology, the oldest archaeological Institute in the Netherlands, engages in archaeological research and runs large international field projects in Northwest Europe, the Mediterranean, the Near East and the Polar Regions. The Institute stimulates the study of past human societies and their environments, from Palaeolithic hunter-gatherers to complex urban societies. It possesses unique archaeological, zooarchaeological and archaeobotanical reference collections, excellent conservation and GIS laboratories, as well as drawing facilities and technical support.

The Institute of Archaeology is closely connected with the Department of Archaeology. Both the Bachelor and the 1-year (English-speaking) Master in Archaeology are evaluated as the best Archaeology programs in the Netherlands for several years in a row. In 2017-2018 we launch the new 2-year (English-speaking) Research Master in Archaeology.

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**EQUINOX PUBLISHING LTD**

Equinox Publishing Ltd is an independent academic publisher based in Sheffield, UK.

In archaeology we have over 50 published titles and about 6 new books each year. Our recently published titles include The German Ocean (Ayers), Comparative Perspectives on Past Colonisation, Maritime Interaction and Cultural Integration (Glørstand, Melheim and Glørstand, eds), Marine Ventures (Bjerck, et al, eds) and The Archaeology of Prague and the Medieval Czech Lands, 1100-1600 (Klášťe). Coming shortly are Regional Approaches to Society and Complexity (Knodell and Leppard, eds), The Sheep People (Oma) and a three volume set The Early Settlement of Northern Europe (series ed: Glørstad).


For libraries, we offer attractively priced e-book and journal packages in archaeology.
The Institute for European and Mediterranean Archaeology (IEMA) is a premier research center at the University of Buffalo with interdisciplinary faculty drawn from Anthropology, Classics, Art History and Biological Sciences. IEMA offers interdisciplinary master’s programs, fieldwork opportunities in Europe, scholarships, laboratories, and publications with SUNY Press.
Web link: iema.buffalo.edu

Oxford University Press is a department of the University of Oxford. It furthers the University’s objective of excellence in research, scholarship, and education by publishing worldwide. In addition to publishing over 6,000 titles each year, Oxford University Press produces online editions of many of its most acclaimed scholarly and reference works including academic and research journals, dictionaries, encyclopaedias, general reference material, and monographs in a wide range of subject areas. To find out more and to browse the full range of recent and forthcoming Archaeology titles available, visit www.oup.com/academic/archaeology.

The Chartered Institute for Archaeologists is the leading professional body representing archaeologists working in Europe. It promotes high professional standards and strong ethics in archaeological practice, to maximise the benefits that archaeologists bring to society. It is the authoritative and effective voice for archaeologists, bringing recognition and respect to the profession.
CIfA is open to applicants from anywhere in the world and from any archaeological discipline. Accredited CIfA professionals have demonstrated technical and ethical competence in archaeology by means of an examined portfolio of work in whichever areas of archaeology in which they work. They have agreed to comply with the CIfA Code of conduct (including a mandatory CPD requirement) and CIfA Standards, they act impartially, and are accountable under professional conduct procedures.

The MCAA is an international organisation, based in Brussels, with representations, via local chapters, all over the world. MCAA members all participated in past, or current, EU-funded Marie Curie programmes; we already have over 9000 registered members, and plan to reach 10 000 by the end of this year.
SENSYS SENSORIK & SYSTEMTECHNOLOGIE GMBH [BOOTH 25]

SENSYS is a manufacturer of non-invasive geomagnetic and electromagnetic survey systems for archaeological prospection. The product range varies from handheld magnetometer devices, push-cart systems, to vehicle towed multi-channel magnetometer systems (up to 32 probes) using precise RTK D-GPS equipment. Such systems scanning up to 10 hectares a day and are currently used across Europe, Asia and the USA. Go to www.sensys.de or visit us on www.linkedin.com/company/sensys---sensors-&-system-technology-gmbh for more detailed information.

BEYOND ARTS GUIDES [BOOTH 26]

BEYONDARTS APP GUIDES – CONNECTING CULTURE AND TOURISM
beyondarts develop interactive app guides for mobile devices specifically designed as marketing tools for museums, towns and archeological sites.

BEYONDARTS NATIVE APP GUIDES GO HTML AND VR
The product portfolio comprises native apps for iOS and Android, which are automatically converted into mobile html-web apps and interactive VR versions for PC, touchscreens and VR headsets. Genuine 3D and navigation-by-sight is implemented. In addition we offer gamification for juvenile target groups.

A NEW APPROACH IN MARKETING
For offline app guides download we offer Access-Code-Cards, distributed by hotels, gastronomy, transportation, shops and other players of the tourism industry. The 360°web app teaser, listing of local tourism companies within the apps and Access-Code-Cards connect international marketing campaigns and local touristic players. We make small-budget destinations visible around the world!
www.beyondarts.at

BAR PUBLISHING [BOOTH 27]

‘BAR Publishing is one of the world’s biggest publishers in academic archaeology. Founded in 1974 with a mission to innovate, the BAR Series covers all key areas in worldwide archaeological research, publishing in five languages (English/Spanish/Italian/French and German).

DAIICHI GOSEI [BOOTH 28]

Our company deals with planning, developing, manufacturing, and other services for cultural properties related products in the range from excavation and exploration of buried cultural properties to consolidation, storage, display, and experiences with cultural properties.
Archaeology and cultural heritage management have undergone significant scientific and professional developments over the last 25 years. The NEARCH project aims to study the various dimensions of public participation in archaeology today and to propose new ways of working and cooperating in a profession strongly concerned by the current economic crisis.

Coordinated by the French National Institute for Preventive Archaeological Research (Inrap), NEARCH relies on a European-wide cooperation network. The project is supported by the European Commission for 5 years (2013-2018) in the framework of the "Culture Programme".


The Archaeological Institute of America (AIA), founded in 1879, is North America's oldest and largest archaeological organization. The AIA works to create an informed public interest in the cultures and civilizations of the past and supports archaeologists, their research and its dissemination. The Institute promotes the ethical practice of archaeology and advocates for the preservation of archaeological heritage. The AIA educates people of all ages about the significance of archaeological discovery and encourages community-based outreach. Today, the AIA has over 200,000 members and 110 local societies in the United States, Canada, and overseas. AIA members include professional archaeologists that conduct fieldwork in Africa, Asia, Europe, Australia, and North and South America, students, and archaeology enthusiasts.

Each year the AIA offers fellowships for travel and study to deserving scholars and a number of scholarships and grants for students, publications, and its local societies. Through its Site Preservation program the AIA supports projects in more than a dozen countries around the world. The AIA and its members are dedicated to the greater understanding of archaeology, the protection and preservation of the world's archaeological resources and the information they contain, and the encouragement and support of archaeological research and publication.
The 24th Annual Meeting of the European Association of Archaeologists will be held in Barcelona, Spain, 5 - 8 September 2018.

The Annual Meeting venues will be the Faculty of Geography and History of the University of Barcelona, and the CCCB - Centre de Cultura Contemporania de Barcelona, located just across the Montalegre street. The proposed themes are:

- Theories and methods in Archaeological sciences
- The archaeology of material culture, bodies and landscapes
- Mediterranean seascapes
- Archaeology and the future of cities and urban landscapes
- Archaeology and the European Year of Cultural Heritage
- Museums and the challenges of archaeological outreach in the 21st century

Barcelona is a welcoming destination and we expect more than 2,500 delegates attend – be sure to be one of them! Visit www.e-a.org/eaa2018

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The Society for American Archaeology (SAA) is an international organization dedicated to the research, interpretation, and protection of the archaeological heritage of the Americas. With more than 7,500 members, SAA offers a variety of benefits, including access to three journals (American Antiquity, Latin American Antiquity, and Advances in Archaeological Practice) and magazine, The SAA Archaeological Record. Professional development opportunities through the Online Seminar Series, a monthly Government Affairs newsletter, and discounts on titles from The SAA Press and certain journals from Cambridge University Press, along with discounts on SAA meeting registrations are also included. SAA hosts an annual meeting and specialized meetings. Members can participate in more than 40 committees and 18 interest groups. Awards and scholarships programs are also available. Learn more at www.saa.org.
GEOPHYSICAL SURVEYS:

- ARCHAEOLOGY
- HISTORICAL RESEARCH (WWI & WW2)
- UXO-DETECTION & RISK ASSESSMENT
- CIVIL & ENVIRONMENTAL ENGINEERING
- GEOLOGICAL ENGINEERING
Founded in 1683 in Leiden, the Netherlands, Brill is a leading international academic publisher in 20 main subject areas, including Middle East and Islamic Studies, Asian Studies, Classical Studies, History, Biblical and Religious Studies, Language & Linguistics, Biology, and International Law. With offices in Leiden (NL), Boston (US), Paderborn (GER) and Singapore (SG), Brill today publishes over 270 journals and close to 1,200 new books and reference works each year, available in both print and electronic formats. Brill also markets a large number of primary source research collections and databases. The company’s key customers are academic and research institutions, libraries, and scholars. Brill is a publicly traded company and is listed on Euronext Amsterdam NV. For further information, please visit www.brill.com.

Inari Software (www.inari-software.com) is an innovative Startup from Graz, Austria, which develops software-solutions for archaeological excavations, as well as for exhibitions and museums.

For making the documentation of archaeological excavations faster, easier and saver, the Archaeological Information System (Inari AIS) was evolved. With this software, it’s possible to store all data in one system which connects relevant information automatically. At the push of a button the complete documentation is exported. Of course, it’s possible to configure Inari AIS to be conform with different guidelines.

To enable museums to widen their contents, the Museum Information System (Inari MIS) was developed. It is a software, based on augmented reality, which can be used to show 3D-models, additional texts or pictures as well as audio information.

The Cultural Heritage Agency of the Netherlands helps other parties to get the best out of our heritage. We are closely involved in listing, preserving, sustainably developing and providing access to the most valuable heritage in our country. We are the link between policymakers, academics and practitioners. We provide advice, knowledge and information, and perform certain statutory duties that have been assigned to us. The Cultural Heritage Agency is at the heart of heritage management in the Netherlands (www.culturalheritageagency.nl).
The European Association of Archaeologists (EAA; http://www.e-a.org) is a membership-based, not-for-profit association, which is open to all archaeologists and other related or interested individuals or bodies. It is fully democratic, and is governed by an Executive Board elected by full members of the Association. A Nomination Committee ensures that the Board is representative of the different regions of Europe and the different sectors of the profession. Its membership covers most European countries, but also includes residents of all other continents interested in European Archaeology.
Archeology and cultural heritage management have undergone significant scientific and professional developments over the last 25 years. The NEARCH project aims to study the various dimensions of public participation in archaeology today and to propose new ways of working and cooperating in a profession strongly concerned by the current economic crisis. Coordinated by the French National Institute for Preventive Archaeological Research (Inrap), NEARCH relies on a European-wide cooperation network. The project is supported by the European Commission for 5 years (2013-2018) in the framework of the "Culture Programme".


Sponsored session ARCADIS

Session # 443. The six pillars of sustainable heritage. Integral approach to heritage management in spatial planning
September 1st, 8.30-12.45, Room 1.18
Main organiser: Dietske Bedeaux (Arcadis); co-organisers: Ineke de Jongh (The Netherlands), Eline Amsing (The Netherlands) and Tom Davies (United Kingdom)
Discussion session: session with 5 speakers and discussion, with client meeting at Arcadis office Maastricht and site visit Noorderbrug project

Cultural heritage is a catalyst for sustainable development and contributes to the quality of life. Arcadis has introduced the 'Six Pillars of Sustainable Heritage' model as a vehicle for greater inter-disciplinary work, and to stimulate contributions to sustainable development goals. The aim is to take an integrated approach to the valuation of heritage assets, including archaeology, historic buildings, historic land-
scapes, non-tangible heritage etc. In addition, the aim is involve heritage as integral part of the planning process, working in close cooperation with design, permitting, ecology, explosives, and cabling, but also with various stakeholders such as the constructor, local associations, and the authorities. Large infrastructural, water, environment and building projects that include planning, design, and construction works, demand an integral approach to heritage management on two levels: inter-disciplinary within the heritage sector, and multi-disciplinary with other aspects and stakeholders in the project. During this session, the integral approach to heritage management will be discussed by means of the case study project of the Noorderburg in Maastricht. The session consists of five presentations on the following topics:

1. Six Pillars of Sustainable Heritage: an introduction
2. Monumental buildings: integrating a casemate in the design of a new bridge
3. Archaeology in a large infrastructural project: fortifications in the Noorderbrug project
4. Environment and archaeology: development of a historical, ecological, and touristic park
5. Stakeholder management and sustainable heritage

Keywords: Heritage management, interdisciplinary, sustainability, spatial planning, stakeholders

PROJECT A2 MAASTRICHT

THE ‘GREEN CARPET’. AN INTEGRATED PLAN FOR THE A2 MOTORWAY THROUGH MAASTRICHT

The A2 Maastricht project aims at the realisation of an integrated and sustainable plan for the city and the motorway. The plan will make Maastricht and its surroundings much more accessible and will greatly improve traffic flows. By improving traffic safety and the quality of life in Maastricht East, the project will also create new opportunities for developing the surrounding districts. The project involves an investment of approximately one billion euros, 850 million of which are being provided by the public sector. The project organisation was set up in 2003 and proudly opened the dual-layered motorway tunnel in December 2016. Intensive archaeological research preceded the construction process, the results of which significantly increased our knowledge of the Maastricht past. To inform the public, archaeological finds were continuously on display at the A2Maastricht information centre.
The Archeocubes will be used as artistic features at the Opening ceremony of the conference and at formal activities like the Annual Business Meeting and the keynote lectures. They can also be used as seating elements and as play blocks and puzzles for children. The Archeocubes are specially made for the EAA conference by the artist Freya Vaes. Nine felted cubes with pictures of several archaeological and historical objects like the Saint Servatiusbridge, a Celtic Potina stater and a Roman dodecahedron, show the richness of our archaeological heritage in a very inspiring and artistic way. After the conference they will be part of the educational programme of the Cultural Heritage Department of Centre Céramique in Maastricht.
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<tr>
<th>Time</th>
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<tr>
<td>9.00-13.00</td>
<td>Auditorium 1</td>
<td>Opening Ceremony, including Michael Shanks, Contemporary archaeology - towards a creative political economy</td>
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<tr>
<td>11.30-12.30</td>
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<td>Welcome reception</td>
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<td>13.00-16.00</td>
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<td>Political Strategies for the EAA Committee</td>
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<td>13.00-16.00</td>
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<td>Working Party Integating the Management of Archaeological Heritage and Tourism</td>
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<td>Political Strategies for the EAA Committee</td>
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<td>176. European Elections 2019. Bench marks for Archaeology and Heritage Protection</td>
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<td>Society of Africanist Archaeologists</td>
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<td>Joint meeting of EAA Committees and Working Parties</td>
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<td>The Professional Associations in Archaeology Committee</td>
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<td>Archaeology and Gender in Europe Committee</td>
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## Thursday 31 August

### 8.30-9.45
- **140. Multi-technique approaches to investigating mobility within high-resolution chronological frameworks**
- **413. New approaches in metal studies**
- **210. Rock art research is archaeology or it is nothing**
- **146. 3D Technologies in archaeological documentation, analysis and interpretation**
- **149. Archaeology of European “guerrillas”. Resistances, landscapes and memories**
- **258. Beyond low lands. The European relevance of the study of Bronze Age and Iron Age communities in the Low Countries**
- **357. Archaeology on sale. How to prevent official selling of illegally excavated objects?**
- **70. Building structures, activity areas and site layouts of Neolithic settlement areas**

### 10.00-11.15
- **23. Applications using hand-held portable X-Ray fluorescence spectrometers**
- **340. Hidden Stories. 3D techniques as tools for exploring archaeological assemblages**
- **424. Holocaust archaeologies. Transdisciplinary approaches, ethical issues and uses of the past**
- **224. Re-thinking how European contract archaeology can best contribute to society**
- **309. At the game table. Archaeology in (video)games**
- **313. European towns and their environment in high definition. The 3rd revolution in urban archaeology**
- **381. Visualising the past, part II. Exploring meaningful approaches in interpreting and presenting the archaeological record**
- **165. Burials as complex features. Exploring new approaches to death and burial in archaeology**

### 11.30-12.45
- **412. Roman archaeology beyond regional scholarly traditions. History and perspectives**
- **225. Meeting us. Heritage, cultural identity, and newcomers in Europe in the 21st century**
- **303. Who owns the battlefield? Trans- and metadisciplinary approaches in archaeology**
- **317. Urban encounters. The materiality of meetings in pre- and early modern towns**
- **292. Transnational perspectives on the legacy of ancient pasts in contemporary Europe**
- **17. The future of museum archaeology in Europe**
- **359. Beyond the (one) roof**
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<td>284. Isotopic provenancing in archaeology. What does local/non-local really mean?</td>
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<td>10.00-11.15</td>
<td>286. Beautiful bodies. Gender, bodily care and material culture in the past. Archaeology and gender in Europe EAA working party session.</td>
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<td>310. Scientific approaches to the study of ornaments. From the archaeologist’s toolkit to body adornment in the past</td>
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<td>14.00-15.15</td>
<td>191. Rethinking Thomsen’s Three Age System. Critical interrogations of the epistemologies surrounding the “Iron Age”</td>
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<td>142. People of the North Sea</td>
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<td>17.00-18.15</td>
<td>265. Environmental challenges for the medieval North Atlantic world</td>
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<td>367. Method, theory and interpretation. Towards an integrated framework for archaeological geophysics</td>
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<td>299. What has happened in Ceramic Studies since Brugge 1997?</td>
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<td>203. The archaeobotany of non-food plant exploitation</td>
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<td>338. Mapping and modelling past landscapes to aid archaeological heritage management and interpretation of the archaeological record</td>
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<th>Session</th>
<th>For a Renaissance of the European Project: Archaeology as a key tool for unveiling Europe’s memory and identity, Sneška Quaedvlieg-Mihailović (Keynote Lecture theme 1)</th>
<th>Heritage Prize Committee</th>
<th>Why do archaeologists need international law? Leonard de Wit (Keynote Lecture theme 2), part of session 257. Malta. A roadmap towards a global Convention</th>
<th>An Affective Archaeology of Borders, prof. Yannis Hamilakis (Keynote Lecture theme 3)</th>
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<td>390. The message, not the medium. Improving lecturing at international conferences</td>
<td>120. Between research history and cutting-edge analysis. Cultural taxonomies as the building blocks for the European Stone Age</td>
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<td>403. Diving into waste. Food studies from filthy contexts</td>
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<td>240. Pastoralists as Catalysts of Change. Archaeological science revolutionizes studies of the ancient steppe</td>
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<td>442. Archaeology in Europe/European archaeology</td>
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<td>335. The siliceous raw materials of Northwestern Europe. Transnational dialogue on the characterization of raw materials</td>
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<td>280. Working in the dark? Dealing with natural and human threats to buried archaeological sites</td>
<td>163. In situ preservation at a time of changing climate</td>
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<td>242. The archaeology of European peatlands from an interdisciplinary perspective. How to move forward?</td>
<td>237. Archaeological practices and knowledge work in the digital environment</td>
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<td>122. Working together. How should EAA and CIfA collaborate?</td>
<td>263. Early Mediterranean metallurgy. Technological innovation and cross-craftsmanship</td>
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<td>260. The power of populations. Integrating bioarchaeological and historical methods for the assessment of our medieval past.</td>
<td>439. GIS and geomatic approaches to historical landscape archaeology. Comparisons from one side to the other of Europe and beyond</td>
<td>346. Within the woodlands. Exploitation of wild plants during the Medieval and Post-Medieval period</td>
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Van Eyck, Marres and Bureau Europa: The Materiality of the invisible in the Nearch project, 11.00-12.00 (Van Eyck) and 15.00-17.00 (Van Eyck, Marres and Bureau Europa)
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<td>01. Archaeological networks and social interaction. Towards an application of network analysis and network concepts in social archaeology</td>
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<td>160. Do you see what I see? Theoretical approaches to understanding ancient worldviews</td>
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<td>143. Archaeology of 20th century armed conflicts in Europe</td>
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<td>414. Riches from distant lands. Transfer and perception of prestige goods</td>
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<td>213. Vikings on the edge. The limits of Viking expansion and influence in the Low Countries and beyond</td>
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<td>369. Cultures of the Pleistocene-Holocene transition in western Europe</td>
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<td>270. The archaeology of European migration in the Early Modern period</td>
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<td>10.00-11.15</td>
<td>241. Do we speak the same language? For a constructive dialogue between tourism and archaeology</td>
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<td>363. Funerary archaeology. New developments in burial taphonomy and archaeothanatology</td>
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<td>147. Small Things Do Matter. Detecting the medieval period through archaeological finds made by the public</td>
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<td>156. Recording schemes for artefacts found by private persons. Approaches, opportunities and challenges</td>
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<td>14.00-15.15</td>
<td>425. Where next? Career pathways and opportunities for early career archaeologists across Europe and beyond</td>
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<td>401. Iron production, trade and consumption as bridge builders during the Middle Ages and the Early Modern Era</td>
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<td>15.30-16.45</td>
<td>251. Describe Your Data. The CRM approach to Archiving and Exchange of Archaeological Field Databases</td>
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<td>183. Preventive Archaeology toward the third decade of the 21st century</td>
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<td>17.00-18.15</td>
<td>416. Upper Palaeolithic in the Central Europe. New ideas and perspectives</td>
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<td>196. MERC Forum</td>
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<td>18.15-19.00</td>
<td>'The most exciting of times.' Reflections on the third science revolution and its impact on the future of archaeology, Kristian Kristiansen (Keynote Lecture theme 4)</td>
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<td>How can we compare the results of regional archaeological projects? What is to gain from comparisons over large geographical distances or across periods? John Bintliff (Keynote Lecture theme 5)</td>
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<td>398. On the margins? Thinking through marginality in the Holocene Mediterranean</td>
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<td>349. Hunters of the lost story</td>
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<td>344. Deconstructing eurocentrism, building bridges</td>
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<td>442. Archaeology in Europe/European archaeology</td>
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<td>360. Archaeological evidence for advertising, promotions and “marketing” in antiquity</td>
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<td>34. New approaches to human mobility in 4th and 3rd millennium BC Iberia</td>
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<td>271. Mapping our heritage. Towards a sustainable future for digital spatial information and technologies in archaeological heritage management</td>
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<td>373. Landscapes through the lens of large-scale geophysical surveys. Big data, big opportunities, and big challenges</td>
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<td>404. Landscape as the framework for social dynamics. Qualitative and quantitative assessment of survey methods and approaches</td>
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<td>348. Archaeology and large infrastructural projects</td>
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<td>388. The “Great Divide” once more? Archaeology in the north and south of Europe</td>
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<td>178. Archaeology of rivers and lakes. When the water is the bridge</td>
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<td>100. Every end has a start. The transformations of Neolithic societies and the emergence of new ethnic identities</td>
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<td>347. Somewhere beyond the sea. Seafaring, seafaring societies and intercultural exchange in prehistoric Europe</td>
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<td>144. Archaeology at sites of protest, resistance and compliance</td>
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<td>164. Archaeology without borders. Freedom of thinking, freedom of movement – a joint EAA-CIfA Round Table and Discussion</td>
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<td>15.30-16.45</td>
<td>293. Mind the gap 2.0! Building bridges between science, heritage and society in the archaeology of rock art</td>
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<td>255. New directions in archaeological studies 1500 – 2000</td>
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<td>82. Climate change and archaeological Heritage</td>
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<td>Exhibition The materiality of the invisible</td>
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<td>362. Presenting archaeology. The good, the bad and the ugly</td>
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<td>301. New training models to innovate European archaeology. The challenge of public archaeology</td>
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<td>56. Plants as fibre resources. Approaches from the science and arts perspectives</td>
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<td>430. Predicting soil disturbances. Knowledge for informed choices in archaeological heritage management</td>
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<td>297. Archaeology in a changing climate</td>
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<td>410. Language in European Prehistory</td>
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<td>372. Re-engineering the process. How best to share, connect, re-use and provide access to archaeological information</td>
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<td>58. European Things in motion. Transnational Material culture during 14th and 17th centuries</td>
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<td>423. Sculptured stones as transgressive objects. Carving liminality in early medieval north-western Europe</td>
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<td>405. Cattle-based agriculture in Central Europe. Introduction, spread and impact</td>
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<td>356. Mobility and migration in mortuary archaeology. Methods of investigation and theories of assessment</td>
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<td>105. Where now in conflict archaeology?</td>
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<td>396. Earthen architectures from the Neolithic to the Iron Age. Detection of structures and characterization of building techniques</td>
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<td>402. Deploying the dead. Interdisciplinary dialogues</td>
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<td>272. Construction economies of the past. New approaches to their societal, political and long-term impact</td>
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<td>339. Creating new scenarios for Archaeology. NEARCHing Factory reloaded</td>
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<td>326. Developing professional standards for archaeological fieldwork training</td>
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<td>308. Fading in and out of view. Copper Age innovations in their social context</td>
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<td>119. Made From Fire and Stone. The Phenomenon of Vitrified Forts</td>
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<td>28. Management, protection and access to the archaeological heritage</td>
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<td>10.00-11.15</td>
<td>380. The archaeology of European colonialism. Towards a politically situated research agenda</td>
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<td>281. The archaeology of Pleistocene hunter-gatherers and the Valletta Treaty. Time for a rewrite?</td>
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<td>322. What is so special about Neolithic special buildings?</td>
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<td>351. Farming by fire. The archaeology of slash and burn cultivation in a comparative perspective</td>
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<td>172. Imagined Authority: Archaeologists and the Myth of Power</td>
<td>355. Islamic archaeology in Europe</td>
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<td>68. Constructing social theory for the &quot;different Iron Ages&quot;: Critical insights in a comparative perspective</td>
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<td>102. Art crime and stolen heritage. Towards an archaeological consensus</td>
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<td>233. Present identities from the past. Providing a meaning to modern communities</td>
<td>259. The origins of medieval villages. New approaches and ideas</td>
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<td>182. Reconstructing prehistoric identities and life histories through isotopes</td>
<td>295. Long-term trajectories of the regional settlement systems. Challenges when dealing with comparison and complexity</td>
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<td>392. Mediterranean survey in dialogue</td>
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<td>312. Mentoring. Annual Round Table of the EAA’s Committee on the teaching and training of archaeologists</td>
<td>109. Work smarter, not harder. Integrated archaeological approaches to occupational health in past societies</td>
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<td>277. Medieval ritual and votive deposits</td>
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<td>444. The archaeology of death</td>
<td>314. The value of all things. Value expression and value assessment in the Ancient World (Europe, Near East and the Mediterranean)</td>
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<td>387. Standing stones. The whole story?</td>
<td>361. Culture, nature and the divine. Maintaining the sacral across the long durée</td>
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<td>358. Cultural frontiers. Ecolological frontiers: new approaches to the borderlands of opposing societies in the last two millennia</td>
<td>375. Urban Encounters. Strategies of disseminating complex research results in the city space</td>
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<td>209. Enough LiDAR on my plate. Interpretation of changing landscapes between the awakening and fall of the Roman Empire</td>
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<td>261. Stone is the Storyteller. The materiality of stone through time (and mind)?</td>
<td>287. The odd, the complex and the curious. Finding and interpreting strange burial phenomena in the Viking world</td>
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<td>174. Managing archaeology in highly dynamic urban centres</td>
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**Sunday 3 September**

**9.00-17.00**

378. Visualising the past. Exploring meaningful approaches in interpreting the archaeological record (on-site session).

Bus leaves from Maasboulevard - "Hoge Brug", City Park, Maastricht.
SESSIONS
RAYMOND PETTIBON

A PEN OF ALL WORK

Bonnefantenmuseum Maastricht

02.06.2017 / 29.10.2017

001 LOOKING BEYOND THE INTERVENTION OF THE ARTIST. CHOICE AND PREPARATION IN ROCK ART SITES

Theme: 6. Interpreting the archaeological record
Room: 0.7
Date: Friday, September 1
Time: 14:00 - 16:45
Organiser: H. Nash, George (United Kingdom) - University of Bristol; Smiseth, May-Tove (Norway) - County Archaeology Department
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. Hidden hunters: 3D narratives in the hunting scenes of Black Desert rock art Brusgaard, Nathalie - Leiden University (Presenting author)

02. Decision-marking in South Scandinavian rock art Dr Nimura, Courtney - Griffith University (Presenting author)

03. Marking rock walls to build a cultural landscape: rock art of the Central Andes of Peru. PhD candidate Perez Maestro, Carmen - Universidad de Alcala (Presenting author)

04. Three-dimensional polygonal modeling of boulders with petroglyphs for understanding of the function of the Sikachi-Alyan rock art site (Russia) Devlet, Ekaterina - Institute of Archaeology, Russian Academy of Sciences (Presenting author); Svoyski, Yuri - RSSDA Lab; Romanenko, Ekaterina - RSSDA Lab; Peshkov, Aleksandr - RSSDA Lab; Peshkov, Sergey - RSSDA Lab; Pakhunov, Alexander - Institute of Archaeology, Russian Academy of Sciences; Konakova, Ekaterina - RSSDA Lab; Timofeeva, Anastasia - Institute of Archaeology, Russian Academy of Sciences; Yushin, Evgeny - RSSDA Lab; Gabdulin, Rafkhat - RSSDA Lab; Kleymenov, Anton - RSSDA Lab; Laskin, Artur - Institute of Archaeology, Russian Academy of Sciences

05. Evidences of relief employment and surface preparation in Kapova Cave visualized by photogrammetry, RTI and IR imaging Pakhunov, Alexander - Institute of Archaeology Russian Academy of Sciences (Presenting author); Prof. Dr. Devlet, Ekaterina - Institute of Archaeology Russian Academy of Sciences

06. The replicatation of cultural landscapes: a case for the rock-art of the Valcamonica, Lombardy, northern Italy Dr Nash, George - University of Bristol (Presenting author)

07. ART AND THE INTIMACY OF THE CANVAS: HOW HUNTER/FISHER/GATHERERS ORGANISED THEIR RITUAL AND POLITICAL WORLDS THROUGH ART IN COASTAL NORWAY Dr Nash, George - University of Bristol; Ms Smiseth, May-Tove - County Archaeology Department, Hedmark, Norway (Presenting author)

08. The animicy of rock - On the meaning on rock canvases Professor Goldhahn, Joakim - Linnaeus university (Presenting author)
003  ARCHAEOLOGICAL NETWORKS AND SOCIAL INTERACTION. TOWARDS AN APPLICATION OF NETWORK ANALYSIS AND NETWORK CONCEPTS IN SOCIAL ARCHAEOLOGY

Theme: 6. Interpreting the archaeological record
Room: 0.1
Date: Friday, September 1
Time: 8:30 - 15:15
Organiser: Donnellan, Lieve (Netherlands) - VU University Amsterdam; Morris, Owain (United Kingdom) - Birbeck University London
Format: Session with a key note speaker with contributions from discussants and discussion
Speaker: Prof. Dr. Carl Knappett

ABSTRACTS

01. Things in networks? Prof. Knappett, Carl - University of Toronto (Presenting author)

02. Funerary performance and inter-regional interaction in the Early Iron Age Northern Aegean Dr. Donnellan, Lieve - Vrije Universiteit Amsterdam (Presenting author)

03. Terrestrial Communication Networks and Political Agency in Early Iron Age Central Italy (950-500 BC) : A Bottom up Approach Mrs Fulminante, Francesca - Cambridge University (Presenting author); Dr Lozano, Sergi - IPHES; Dr Prignano, Luce - Barcellona University; Mr Morer, Ignacio - Barcellona University

04. SNA By Any Other Name: The primacy of materials and derived networks in archaeology Dr. Mol, Angus - Stichting VALUE (Presenting author)

05. Reconstructing networks of information in the 3rd Millennium BC Dr. Bourgeois, Quentin - Leiden University (Presenting author); Kroon, Erik - Leiden University

06. Social Network Analysis and the Social Interactions that Define Hopewell Dr. Hill, Mark - Ball State University (Presenting author); Dr. Nolan, Kevin - Applied Anthropology Laboratories, Ball State University; Dr. Seeman, Mark - Kent State University

07. Marble networks: social interaction in houses at Pompeii Dr Barker, Simon - King’s College London; British School at Rome (Presenting author); Dr Ward, Courtney - Hunter College; Dr Perna, Simona - Independent Researcher

08. A “Princely” Network? Elite interaction and social change in Central and Southern Italy. Morris, Owain - Birbeck College, University of London (Presenting author)

09. Networks and social realities in the Late Bronze Age Southern Adriatic Dr IACONO, Francesco - University of Cambridge (Presenting author)

10. A complex beadwork. Stringing together early medieval exchange. Professor Dr Sindbæk, Søren - Aarhus University (Presenting author)

11. Identity formation of Late Urnfield elites as reflected by funerary status representation Deicke, Aline - Academy of Sciences and Literature | Mainz (Presenting author)
12. Using inter-site relationships during Middle Bronze Age Cyprus to explain social change: A social network analysis perspective  
Mr. Dalkilic, Emre - Bilkent University (Presenting author)

13. Weaving women: using ontologies to analyse social networks of textile manufacture in Magna Grecia  
Professor Foxhall, Lin - University of Liverpool (Presenting author)

14. Connected minds - ideological networks of the Bronze Age  
Autenrieth, Sabrina N. - Faculty of Archaeology (Presenting author)

15. Network analysis as a tool to evaluate regional paradigms  
PhD Kellberg Nielsen, Trine - Aarhus University (Presenting author)

011 FIRST AID FOR FINDS. ARCHAEOLOGICAL CONSERVATION IN THE 3RD SCIENCE REVOLUTION

Theme: 4. The ‘Third Science Revolution’ in Archaeology
Room: 1.17
Date: Friday, September 1
Time: 14:00 - 16:45
Organiser: Godfrey, Evelyne (United Kingdom) - Uffington Heritage Watch; Joosten, Ineke (Netherlands) - Cultural Heritage Agency (NL); Faulkner, Bronwen (United Kingdom) - British Museum
Format: Session with papers of six minutes and six slides

ABSTRACTS

01. A Brief History of FAFF (First Aid for Finds)  
Dr Godfrey, Evelyne - Uffington Heritage Watch (Presenting author)

02. Always Crystal Clear? Advanced Lifting Methods, First-Aid Treatment and Adequate Storage Conditions for Archaeological Glass  
Prof. Dr. Alexandra, Jeberien - HTW Berlin; Conservation and restoration program (Presenting author); Dipl. Rest. Emgrund, Olga - HTW Berlin

03. Look after that sherd because we are yet to discover its full story  
Senior Objects and Archaeology conservator Jones-Amin, Holly - The University of Melbourne; Grimwade Centre for Cultural Materials Conservation (Presenting author); Dr Oudemans, Tania - Kenaz Consult Berlin

04. Conservation problems of maritime textiles from a 17th century shipwreck found near Texel  
Ms. Telleman, Sjoukje - University of Amsterdam (Presenting author); Drs De Bruine, Marijke - University of Amsterdam; Prof. Dr. ing. Van Bommel, Maarten - University of Amsterdam; Dr Joosten, Ineke - Cultural Heritage Agency of the Netherlands

05. Before conservation: the need for careful consideration of research opportunities.  
Dr. Joosten, Ineke - Cultural Heritage Agency (RCE); Mr Beentjes, Tonny - University of Amsterdam; Ms. Kuiper, Elisabeth - University of Amsterdam (Presenting author)

06. Kaizen for Conservation - improving first aid processes on excavations  
Ms Yoshida, Maruchi - YCONS; Ms Lun, Laura - Mona Lisl; Ms Disl, Veronika - Mona Lisl (Presenting author)
07. **Best practice: Integrating conservation into active archaeological projects** Ms Greaves, Pieta - Drakon Heritage and Conservation (Presenting author)

08. **Conservation at Olduvai Gorge, Tanzania** Dr Franco Peters, Renata - Institute of Archaeology, University College London (Presenting author); Ms Diaz-Pila, Elizabet - Olduvai Geochronology Archaeology Project (OGAP); Ms Ohara-Anderson, Eri - Institute of Archaeology, University College London

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**THE FUTURE OF MUSEUM ARCHAEOLOGY IN EUROPE**

**Theme:**  
1. Twenty-five Years after Maastricht: Archaeology and Europe’s future

**Room:** 1.08

**Date:** Thursday, August 31

**Time:** 8:30 - 15:15

**Organiser:** Skeates, Robin (United Kingdom) - Durham University; Colpo, Isabella (Italy) - University of Padova

**Format:** Session, made up of a combination of papers, max. 15 minutes each

**ABSTRACTS**

01. **Session Introduction: The Future of Museum Archaeology in Europe** Professor Skeates, Robin - Durham University; Dr Colpo, Isabella - Padova University (Presenting author)

02. **Museum archaeology in the 21th century: the cultural biography of things** Dr. Mater, Benoît - Limburgs Museum (Presenting author)

03. **Do we still like archaeological museums? Matters of communication and Italian museums** Dr. Tarantino, Chiara - Università di Pisa (Presenting author); Prof. Donati, Fulvia - Università di Pisa

04. **Contemporary Museums of the Classical Art - Bridges of Memory or Temples of the Muses?**  
Dr. Bugaj, Ewa - Institute of Archaeology (Presenting author)

05. **Days of Future Past: a backwards glance at the future of museum archaeology** Mr Hall, Mark - Perth Museum & Art Gallery (Presenting author)

06. **Digitally participated curatorship: charting futures for museum archaeology** Dr Bonacchi, Chiara - University College London (Presenting author)

07. **Dactyliothecae today** Full Professor Micheli, Maria Elisa - University of Urbino (Presenting author)

08. **Museum archaeology collections in England: Are museums running out of space, staff....and time?** Miss Rawden, Anooshka - Society for Museum Archaeology; Science Museum Group (Presenting author)

09. **Archaeological museums in Poland: new challenges, new contexts, new solutions** Mr Pawleta, Michał - Institute of Archaeology (Presenting author)

10. **Brescia (Italy), Museum of the City and archaeological areas: history, relationship and development's projects** Dr. Di Corato, Luigi Maria - Fondazione Brescia Musei; Dott. ssa Morandini, Francesca - Municipality of Brescia; Fondazione BresciaMusei (Presenting author)
11. Thematic museums, an opportunity: the case of Montegrotto Terme Prof Zanovello, Paola - University of Padova (Presenting author); Post Doc Fellow Bassani, Maddalena - University of Padova Italy; Prof Ghedini, Francesca - University of Padova

12. UNIVERSITY MUSEUMS OF ARCHAEOLOGY IN EUROPE UNDER THE LOOKING GLASS: CONTEXTS-PROCESSES-PRACTICES-PRACTITIONERS Dr Mouliou, Marlen - National and Kapodistrian University of Athens; UNIVERSEUM (European Academic Heritage Network) (Presenting author)

13. New stories about past people at the Museum of Archaeological Sciences and Art (MSA). Some case studies Dr. Menegazzi, Alessandra - Museum of Archaeological Sciences and Art, University of Padua (Presenting author)

14. A MUSEUM NOT MUSEUM: A HISTORICAL PLASTER CAST COLLECTION AT THE UNIVERSITY OF URBINO (ITALY) Associate Professor Santucci, Anna - University of Urbino (Presenting author)

POSTERS

From zero to 13.000. Visitors of a university archaeological museum Dr. Tarantino, Chiara - Università di Pisa (Presenting author); Prof. Donati, Fulvia - Università di Pisa

020 BEYOND MIGRATION. INTERDISCIPLINARY APPROACHES TO MOBILITY IN EARLY MEDIEVAL EUROPE

Theme: 4. The ‘Third Science Revolution’ in Archaeology
Room: 1.07
Date: Thursday, August 31
Time: 15:30 - 18:15
Organiser: Croix, Sarah (Denmark) - Aarhus University; Museums of South-West Jutland; Ten Harkel, Letty (United Kingdom) - Oxford University; Panhuysen, Raphaël (Netherlands) - ANTHRO.NL; Universiteit van Amsterdam
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. Geoarchaeological Analysis: Environmental Conditions as Driving Factors Beyond Migration Kempf, Michael - University Freiburg (Presenting author)

02. Non-mobility vs. mobility. A case study from Scandinavia’s first urban site, Ribe, Denmark Professor Frei, Karin Margarita - National Museum of Denmark (Presenting author); Assist. Prof. Croix, Sarah - Aarhus University, Denmark

03. Where the Cidlina Loses its Name: Rethinking the Local in Early Medieval Central Europe Hosek, Lauren - Syracuse University (Presenting author); Dr. Brenner Coltrain, Joan - University of Utah; Dr. Marik, Jan - Institute of Archaeology of the ASCR, Prague
04. Mobility in early medieval Domburg, the Netherlands: people and objects Dr Ten Harkel, Letty - University of Oxford (Presenting author)

05. Tracing Medieval Mobility and Trade at Stoke Quay, Ipswich Ms Farber, Eleanor - University of Oxford (Presenting author); Professor Lee-Thorp, Julia - University of Oxford; Professor Hamerow, Helena - University of Oxford; Dr. Loe, Louise - Oxford Archaeology

06. The difference between Maastricht and Dorestad. Comparing demography and mobility in old and new centres in the early medieval period Dr. Panhuysen, Raphaël - ACASA, Amsterdam University, The Netherlands; ANTHRO.NL (Presenting author)

07. Internal Mobility. Laborers and Women on the Move in the the Lombard kingdom (569 - 774 AD). Dr Pazienza, Annamaria - Ca\'Foscari University (Presenting author)

08. Isotopic evidence for human mobility in the Carpathian Basin during the Migration Period Dr. Knipper, Corina - Curt-Engelhorn-Zentrum Archäometrie, Mannheim, Germany (Presenting author); Dr. Vida, Tivadar - Eötvös Loránd University, Institute of Archaeological Sciences, Budapest, Hungary; Mr Koncz, István - Eötvös Loránd University, Institute of Archaeological Sciences, Budapest, Hungary; Dr. Ódor, János Gábor - Wosinsky Mór Múzeum, Szekszárd, Hungary; Ms Pap, Ildikó Katalin - Savaria Museum, Szombathely, Hungary; Dr. Mende, Balázs Gusztáv - Archaeological Institute, Research Centre of the Humanities, Hungarian Academy of Sciences, Budapest, Hungary

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023 APPLICATIONS USING HAND-HELD PORTABLE X-RAY FLUORESCENCE SPECTROMETERS

Theme: 4. The ‘Third Science Revolution’ in Archaeology
Room: 0.3
Date: Thursday, August 31
Time: 14:00 - 18:15
Organiser: Tykot, Robert (United States) - University of South Florida; Vianello, Andrea (United Kingdom)
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. Prehistoric Obsidian Exchange in Campania and Molise (Southern Italy): Non-Destructive Sourcing Analysis by pXRF Spectrometry Professor Tykot, Robert - University of South Florida (Presenting author); Dr. Vianello, Andrea - independent

02. Sourcing obsidian from prehistoric sites in NW Romania Dr. Boroneant, Adina - Vasile Pârvan Institute of Archaeology (Presenting author); Dr. Virag, Cristian - Satu Mare County Museum; Mr. Astaloș, Ciprian - Satu Mare County Museum; Prof. Bonsall, Clive - University of Edinburgh

03. A first insight into prehistoric obsidian consumption at Kültəpə I (Nakhchivan, Azerbaijan) Dr Orange, Marie - Université Bordeaux Montaigne, IRAMAT-CRP2A UMR 5060, Maison de l'Archéologie, Esplanade des Antilles, 33607 Pessac, France; Southern Cross GeoScience, Southern Cross University, Military Road, Lismore, 2480 NSW, Australia (Presenting author); Dr Berthon, Rémi - Archéozoologie,
archéobotanique : sociétés, pratiques et environnements (UMR 7209) Sorbonne Universités, Muséum national d'Histoire naturelle, CNRS CP56, 55 rue Buffon, 75005 Paris, France; Dr Le Bourdonnec, François-Xavier - Université Bordeaux Montaigne, IRAMAT-CRP2A UMR 5060, Maison de l'Archéologie, Esplanade des Antilles, 33607 Pessac, France; Dr Marro, Catherine - UMR 5133, Archéorient, Environnements et sociétés de l'Orient ancien, Maison de l'Orient et de la Méditerranée – Jean Pouilloux, 7 Rue Raulin, 69007 Lyon, France; Dr Bakhshaliyev, Veli - Department of Archaeology, National Academy of Science of Azerbaijan, Nakhchivan, 76 Heydar Aliyev Avenue, AZ 7000, Azerbaijan; Dr Thomalsky, Judith - German Archaeological Institute, Tehran Branch, Khiaban-e Shahid Akbari 7, Tehran-Elahiye, Iran; Dr Joannes-Boyau, Renaud - Southern Cross GeoScience, Southern Cross University, Military Road, Lismore, 2480 NSW, Australia

04. Testing an old theory: pXRF-analysis of Mesolithic greenstone adzes in Rogaland, southern Norway
Dr. J. Nyland, Astrid - Museum of Archaeology, University of Stavanger (Presenting author); Dr. F. Gebremariam, Kidane - Museum of Archaeology, University of Stavanger; With, Ruben - Museum of Archaeology, University of Stavanger

05. XRF Sourcing Lithics: Software Beyond the Instrument
Dr. Scott Cummings, Linda - PaleoResearch Institute (Presenting author); Mr. Coughlin, Matthew - PaleoResearch Institute; Mr. Varney, R.A. - PaleoResearch Institute

06. Let`s shoot it! How hand-held pXRF spectrometry on ceramics changed the understanding of the Roman Vicus of Kempraten (Switzerland). MA Melko, Nadja - University of Zurich (Presenting author); Dr. Helfert, Markus - University of Frankfurt; Dipl. phil. Pümpin, Christine - IPNA Basel; BA Lo Russo, Sarah - IPNA Basel; Lic. phil. Koch, Pirmin - Kantonsarchäologie St. Gallen; MA Schärer, Lukas - Kantonsarchäologie St. Gallen; Dipl. phil. Ackermann, Regula - Kantonsarchäologie St. Gallen

08. XRF analyses on fragments of large Roman bronze statues from Romanian museums
Researcher 1st class Constantinescu, Bogdan - National Institute for Nuclear Physics and Engineering Bucharest Romania (Presenting author)

09. HHpXRF: A Reconnaissance method for evaluating corroded copper-alloy Artefacts
Mr Roxburgh, Marcus Adrian - Leiden University (Presenting author)

Dr Os, Bertil - Rijksdienst voor het cultureel erfgoed (Presenting author); Drs Pelsdonk, Jan - Teylers Museum; Dr Gentelli, Liesel - University of Western Australia; Dr Green, Jeremy - Western Australian Museum; Ms Richards, Vicky - Western Australian Museum; Dr Paterson, Alistair - University of Western Australia; Dr Woodhead, Jon - Melbourne University; Dr Van Duivenvoorde, Wendy - Flinders University

POSTERS

Sourcing the Provenance of Corsican Final Bronze Age Ceramics through pXRF Analysis of Clay Building Material
Tafani, Aurelien - University of South Florida (Presenting author); Dr Von Peche-Quilichini, Kewin - INRAP; Prof Tykot, Robert H. - University of South Florida
028 MANAGEMENT, PROTECTION AND ACCESS TO THE ARCHAEOLOGICAL HERITAGE

Theme: 2. The Valletta Convention: the next 25 years
Room: 1.07
Date: Saturday, September 2
Time: 8:30 - 11:15
Organiser: Musteata, Sergiu (Moldova) - „Ion Creanga” State Pedagogical University; Borș, Corina (Romania) - National Museum of History of Romania
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. The Future of Archaeological Archive Practice in Europe and Beyond Mr Brown, Duncan - HE-Historic England; EAC Working Group for Archaeological Archives (Presenting author)

02. Preserving scientific documentation of preventive archaeology: from archiving to sharing in the French National Institute for Preventive Archaeological Research (Inrap) Dr Nurra, Federico - INRAP - National Institute for Preventive Archaeological Research (Presenting author); Ms Bryas, Emmanuelle - INRAP - National Institute for Preventive Archaeological Research

03. Not Just Old Photos and Dusty Plans: Changing Perceptions of Archiving. Ms Scardina, Audrey - University of Edinburgh (Presenting author); Mr Mills, Sam - Independant scholar

04. The archaeological heritage in the process of revitalization: the balance of gains and losses. Mrs Byszewska, Agata - Narodowy Instytut Dziedzictwa / National Heritage Board Of Poland (Presenting author)

05. Heritage protection in Hallstatt - A textbook-like communication crisis in Austria Magistra Loew, Carmen - Kuratorium Pfahlbauten (Presenting author)

06. From theory to practice: protecting an archaeological site. The case of the Tartaria – Podu Tartariei vest site (Romania) PhD BORS, Corina - National History Museum of Romania (MNIR) (Presenting author)

07. Protection of archaeological heritage after 25 years of Valletta Convention. Case of Romania and Republic of Moldova Professor Musteata, Sergiu - „Ion Creanga” State Pedagogical University (Presenting author)
NEW APPROACHES TO HUMAN MOBILITY IN 4TH AND 3RD MILLENNIUM BC IBERIA

Theme: 4. The ‘Third Science Revolution’ in Archaeology
Room: 2.6
Date: Friday, September 1
Time: 10:00 - 12:45
Organiser: De Valera, Antonio (Portugal) - ERA Arqueologia S.A.; Frieman, Catherine (Australia) - ANU; Wood, Rachel (Australia) - ANU; Wright, Lizzie (United Kingdom) - Sheffield University
Format: Session with pre-circulated papers

ABSTRACTS

01. Moving Bodies Over Space and Time: Multiscalar Analyses and Critical Reflections Dr Lillios, Katina - University of Iowa (Presenting author)

02. The role of aggregation centers in Neolithic Southwest Iberia: isotopic approaches to Perdigões enclosure. Dr Valera, Antonio - ERA Arqueologia; ICArEHB - University of Algarve (Presenting author); Dr Zalaite, Indre - Hércules Lab. - Évora University; Dr Maurer, Anne-France - Hércules Lab. - Évora University; Dr Dias, Cristina - Hércules Lab. - Évora University

03. A bigger picture of prehistoric mobility: The ANU Sr mapping project in Iberia Dr. Frieman, Catherine - Australian National University (Presenting author); Prof. Dr. Grun, Rainer - University of Griffith; Dr. Wood, Rachel - Australian National University; Dr. Valera, Antonio - ERA Arqueologia S.A; Dr. Willmes, Malte - UC Davis; Prof Spriggs, Matthew - Australian National University

04. New insights into animal mobility in Chalcolithic Portugal: Results of strontium isotope analysis on cattle from the Zambujal and Leceia Dr Wright, Lizzie - University of Sheffield, UK; Northern Archaeological Associates, UK (Presenting author); Dr Waterman, Anna J. - Mount Mercy University, US; Dr Kunst, Michael - German Archaeological Institute, Madrid, Spain; Prof Cardoso, João Luís - Centre for Archaeological Studies, Oeiras Municipal Council, Portugal; Prof Tykot, Robert H. - University of South Florida, US; Dr Peate, David W. - University of Iowa, US

05. A Neolithic ‘silk road’: tracking prehistoric trade and mobility in Iberia from the cultural use of cinnabar (HgS) Dr Valera, António - Era Arqueologia; ICArEHB - University of Algarve (Presenting author); Dr Emslie, Steve - University of North Carolina; Dr Higuera, Pablo - Universidad de Castilla-La Mancha

06. HUMAN AND ANIMAL MOBILITY IN FOURTH MILLENNIUM BC PORTUGUESE ESTREMADURA. CURRENT DATA AND INTERPRETATIONS. Professor Carvalho, António - University of Algarve (Presenting author); Professor Valente, Maria João - University of Algarve; Dr Díaz-Zorita, Marta - University of Tübingen; Dr Gonçalves, David - University of Coimbra
THE MATERIALITY OF ROCK ART. INSIGHTS INTO RELATIONSHIPS BETWEEN PEOPLE, PLACE AND OBJECT IN WORLD ROCK ART

Theme: 5. Comparing Archaeology Across Regions and Periods
Room: 1.08
Date: Thursday, August 31
Time: 15:30 - 18:15
Organiser: Goldhahn, Joakim (Sweden) - Linnaeus University; May, Sally Kate (Australia) - Griffith University
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. Artefacts in Art: global approaches to people, place and object in world rock art Dr K. May, Sally - Griffith University (Presenting author); Professor Goldhahn, Joakim - Linnaeus University

02. Beyond individual pleasure and rituality: social aspects of the musical bow in Southern Africa’s rock art. Dr Lenssen-Erz, Tilman - University of Cologne; Vogels, Oliver - University of Cologne (Presenting author)

03. Production, reproduction and the making of people: the rock art of households and homesteads in the Northern Cape, South Africa Associate Professor Hall, Simon - University of Cape Town (Presenting author)

04. The Case for Baskets: Rock paintings of bags and baskets in western Arnhem Land, Australia Miss Miller, Emily - Griffith University (Presenting author)

05. Accumulation and display? Rock art, circulating artefacts and bodies in Late Bronze Age Iberia PhD Diaz-Guardamino, Marta - Cardiff University (Presenting author)

06. Equipment of Asian Arctic whale hunters in rock art and its archaeological context Prof. Dr. Devlet, Ekaterina - Institute of Archaeology, Russian Academy of Sciences (Presenting author); Ph.D. Dneprovski, Kirill - The State Museum of Oriental Art, Moscow, Russia; Sukhorukova, Elena - The State Museum of Oriental Art, Moscow, Russia; Greshnikov, Eduard - National Research Centre "Kurchatov Institute", Moscow, Russia; Grinko, Alexandra - Institute of Archaeology, Russian Academy of Sciences; Pakhunov, Alexander - Institute of Archaeology, Russian Academy of Sciences

07. Between a rock and an oak coffin – cloth and intermediality in the north European Bronze Age Professor Goldhahn, Joakim - Linnaeus University (Presenting author)
055 ARCHAEOLOGY AND THE EUROPEAN FAR-RIGHT. ATTITUDES AND RESPONSES FROM HERITAGE BUREAUCRACIES

Theme: 1. Twenty-five Years after Maastricht: Archaeology and Europe’s future
Room: 1.08
Date: Friday, September 1
Time: 14:00 - 16:45
Organiser: Niklasson, Elisabeth (United States) - Stanford University; Hølleland, Herdis (Norway) - Norwegian Institute for Cultural Heritage Research
Format: Session with a key note speaker with contributions from discussants and discussion

ABSTRACTS

01. Introducing archaeology and the European far-right: attitudes and responses from heritage bureaucracies Dr Holleland, Herdis - Norwegian Institute for Cultural Heritage; Dr Niklasson, Elisabeth - Stanford University (Presenting author)

02. Far-right and Heritage in Finland Dr. Enqvist, Johanna - University of Helsinki (Presenting author)

03. Apolitical heritage politics: a new Swedish agenda for cultural heritage Dr Källén, Anna - Stockholm University (Presenting author)

04. RECLAIMING THE VIKINGS – VIKING HERITAGE AND THE RIGHT WING CONCERN Dr Løkka, Nanna - Telemark Research Institute (Presenting author)

05. Heritage Bureaucracy and the Modern Nation State: transcending discourse analysis in heritage studies Dr Plets, gertjan - Utrecht University (Presenting author)

06. Heritage protection destroyed by state bureaucracy in Hungary Professor Banffy, Eszter - RGK - Romano-Germanic Commission DAI (Presenting author)

07. We are followers of the same muse, pardon me, scientific discipline. Their script is just not updated yet! Doctor/Phd Tevdovski, Ljuben - Goce Delcev University; Ms Sokoloska, Angela - Institute of Cultural Heritage and Archaeology (Presenting author)
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PLANTS AS FIBRE RESOURCES. APPROACHES FROM THE SCIENCE AND ARTS PERSPECTIVES

Theme: 3. Trans- and Metadisciplinary Approaches in Archaeology
Room: 0.3
Date: Saturday, September 2
Time: 8:30 - 12:45
Organiser: Karg, Sabine (Germany) - Free University of Berlin; Brinkkemper, Otto (Netherlands) - Cultural Heritage Agency of the Netherlands; Harris, Susanna (United Kingdom) - University of Glasgow
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. Know-how about flax production of Neolithic farmers in the European circum-alpine region
   Dr. Karg, Sabine - Free University of Berlin (Presenting author)

02. The use of green flax
   Mrs Rast-Eicher, Antoinette - ArcheoTex (Presenting author)

03. From stem to textile: tracing spliced yarns from the Neolithic to Iron Age
   Dr Harris, Susanna - University of Glasgow (Presenting author); Dr Gleba, Margarita - University of Cambridge

04. Fibre production - a skill from the Palaeolithic age?
   Dr Sobkowiak-Tabaka, Iwona - Institute of Archaeology and Ethnology Polish Academy of Sciences (Presenting author); Dr Kufel-Diakowska, Bernadeta - Wrocław University

05. Fibre plants in prehistoric Ireland: insights from archaeobotany and other sources
   Dr McClatchie, Meriel - University College Dublin (Presenting author)

06. “Spinning Bowls” in the Central Balkans - The Introduction of New Technology for Processing the Plant Fibres in Late Neolithic
   Ms Svilar, Marija - Institute of Archaeology (Presenting author)

07. Pottery, Plants and Textiles Intertwined. Textile Imprints and Tools from the Middle Bronze Age Tell Settlement of Füzesabony-Öregdomb (H)
   Pásztókai-Szeőke, Judit - Sopron University, Lámfalussy Sándor Faculty of Economics (Presenting author); Szathmári, Ildikó - Hungarian National Museum; Kulcsár, Gabriella - Hungarian Academy of Science; Polgár, Péter - independent archaeologist; Kiss, Viktória - Hungarian Academy of Science

08. An integral approach towards the analysis of ancient mat-weaving: the case of the Kitova mound (Thracian Valley, Bulgaria)
   Andonova, Mila - Department of Archaeology, University of Nottingham, UK; Division of Paleobotany and Palynology (IBER), Bulgarian Academy of Sciences (Presenting author); Ass. Prof. Marinova, Elena - Center for Archaeological Science, GEO - Institute, KU Leuven; Dimitrova, Diana - National Institute and Museum of Archaeology, Bulgarian Academy of Sciences

09. The bast fiber clothes of vicar Nikolaus Rungius
   PhD Student Suomela, Jenni - University of Helsinki (Presenting author)
POSTERS

Hemp textiles in Scandinavien history – How to interpreted and identified textile fibres from FH (Flax/Hemp) Textile historian Skoglund, Git - Fellow of Agnes Geijers Nordic Foundation (Presenting author)

058 EUROPEAN THINGS IN MOTION. TRANSNATIONAL MATERIAL CULTURE DURING 14TH AND 17TH CENTURIES

Theme: 5. Comparing Archaeology Across Regions and Periods
Room: 0.6
Date: Saturday, September 2
Time: 8:30 - 12:45
Organiser: Escribano-Ruiz, Sergio (Spain) - University of the Basque Country (UPV/EHU); Linaa, Jette (Denmark) - Moesgaard Museum
Format: Session with papers of six minutes and six slides

ABSTRACTS

01. Peacock, unicorn, deer and griffin - mobility of textile raw materials and cultural influences to medieval Finland PhD Vajanto, Krista - Nanomicroscopy Center Aalto University (Presenting author)
02. Apostle spoons in Lithuania PhD student Ardaviciute-Ramanauskiene, Skaiste - Vilnius University; National Museum of Lithuania (Presenting author)
03. Modern shoes from Elbląg (voivodeship: warmińsko-mazurskie, Poland) Master of Arts Kulesz, Aleksandra - Nicolaus Copernicus University in Torun (Presenting author)
04. What can textile seals tell us about trading routes? Case study from Gdańsk, Poland. PhD student Polczynski, Lukasz - University of Gdańsk (Presenting author); Ms Michalak, Katarzyna Inga - University of Gdańsk
05. Artistic pottery market in Silesia (South-Western Poland) in Late- and Post-Medieval period. Filling the gap. Mackiewicz, Maksym - Institute of Archaeology, University of Wroclaw; Archeolodzy.org Foundation (Presenting author)
06. Republic of Collectors: Kilian Stobaeus, his museum and his network for obtaining curiosities Naum, Magdalena - Aarhus University (Presenting author)
07. Archaeological fiends: Wandering wares on waterways Mag. Demuth, Volker - Arkeologisk museum, Universitetet i Stavanger (Presenting author)
08. Transnational material culture : the case of North of France Ms Vincent, Vaiana - INRAP; CRAHAM - UMR 6273 (Presenting author)
09. A compulsory stop. The role of Asturias (NW of Iberian Peninsula) in the European pottery trade during Modern Age. Mr Busto-Zapico, Miguel - University of Oviedo; University of Bologna (Presenting author)

10. POST-MEDIAVAL EUROPEAN OBJECTS IN THE BASQUE COUNTRY Ph.D ESCRIBANO-RUIZ, SERGIO - University of the Basque Country (UPV/EHU) (Presenting author)

068 CONSTRUCTING SOCIAL THEORY FOR THE “DIFFERENT IRON AGES”. CRITICAL INSIGHTS IN A COMPARATIVE PERSPECTIVE

Theme: 6. Interpreting the archaeological record
Room: 1.11
Date: Saturday, September 2
Time: 8:30 - 16:45
Organiser: Sastre, Inés (Spain) - CSIC; Currás, Brais X. (Portugal) - Coimbra University-CEAACP
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. Reconstructing Iron Age Society: what went wrong. Professor Collis, John, Ralph - Retired / Sheffield University (Presenting author)

02. Recognizing egalitarian political strategies in Iron Age West Africa: Materialization of dispersed power and integrative mechanisms at Kirikongo, Burkina Faso Dr. Dueppen, Stephen - University of Oregon (Presenting author)

03. Anarchy in the Bronze Age? Social Organization and Complexity in Nuragic Sardinia Araque, Ralph - Universität Freiburg (Presenting author)

04. Social Theory and the Greek Iron age Professor Dr BINTLIFF, JOHN - Leiden University (Presenting author)

05. The peasantry as a social theory, and its application to Celtiberian society Professor Dr Burillo-Mozo, Francisco - Universidad de Zaragoza (Presenting author); Ms Burillo-Cuadrado, Mª. Pilar - Universidad de Zaragoza

06. All together now (or not): change, resistance, resilience in the NW Iberian Peninsula between the Bronze Age - Iron Age Parcero-Oubiña, César - Instituto de Ciencias del Patrimonio (Incipit), Spanish National Research Council (CSIC) (Presenting author); Armada, Xosé-Lois - Instituto de Ciencias del Patrimonio (Incipit), Spanish National Research Council (CSIC); Nión, Samuel - Doctorate student, Universidade de Santiago de Compostela; González Insua, Félix - Universidade de Vigo

07. Early Iron Age societies from Eastern Pomerania. Elite warriors or egalitarian farmers? Dr Niedziółka, Kamil - University of Gdańsk (Presenting author)

08. Neither transition nor change - the case of early Iron Age in the South Baltic zone. Dr Slusarska, Katarzyna - Gdańsk University (Presenting author)
09. Characterising ‘communities’ in the Early Iron Age of southern Britain Mr McOmish, David - Historic England (Presenting author)

10. Heterarchical communities in Iron Age Scotland Professor Armit, Ian - University of Bradford (Presenting author)

11. Segmentary landscapes in Northwest Iberia: A model for a decentralized and non-hierarchized Iron Age Dr. Currás, Brais X. - Universidade de Coimbra-CEAACP (Presenting author); Dr. Sastre, Inés - CSIC

12. Confusing Iron Ages: communities of the middle Danube between tribal hierarchy and heterarchy PhD, Assistant Professor Mihajlovic, Vladimir - University of Novi Sad, Faculty of Philosophy (Presenting author)

13. A bit of anarchy in the Iron Age: new perspectives on social structure in the Dutch coastal area of North-Holland Dr kok, marjolijn - Bureau Archeologie en Toekomst (Presenting author)

14. Iron Age Religions Beyond Warrior Ideologies Mr. Santos, Alberto - Universidad de Zaragoza (Presenting author)

15. Sharing thoughts and sherds. The cognition behind funerary rites in North-western Europe during the later prehistory (800 BC–200 AD) MA de Roest, Karla - University of Groningen (Presenting author)


17. The Iron Age in Northern England: hierarchies and heterarchies in upland landscapes during the 1st millennium BC in North-western England Dr Hoaen, Andrew - University of Worcester; Dr Loney, Helen - University of Worcester (Presenting author)

18. House societies in Atlantic Scotland Prof Sharples, Niall - Cardiff University (Presenting author)

19. Social dynamics in Iberian Iron Age: between inclusive and exclusionary strategies Dr Grau, Ignacio - University of Alicante (Presenting author)

20. Iron Age societies and kinship theory Prof. Hingley, Richard - Dept. of Archaeology, University of Durham (Presenting author)

070 BUILDING STRUCTURES, ACTIVITY AREAS AND SITE LAYOUTS OF NEOLITHIC SETTLEMENT AREAS

Theme: 6. Interpreting the archaeological record
Room: 0.8
Date: Thursday, August 31
Time: 8:30 - 18:15
Organiser: Ridky, Jaroslav (Czech Republic) - Institute of Archaeology of the CAS, Prague; Stäuble, Harald (Germany) - Landesamt für Archäologie Sachsen (Archaeological Heritage Office, Saxony);
Ilett, Michael (France) - Université Paris 1 Panthéon-Sorbonne; Hamon, Caroline (France) - CNRS, permanent researcher

**Format:** Session, made up of a combination of papers, max. 15 minutes each

**ABSTRACTS**

01. **Site Layouts of Neolithic Settlement Areas – the Questions** Ilett, Michael - Université Paris 1 (Presenting author)

03. **Dry land and lakeside settlements in Four Lakes Region in Amindeon Basin (Greece)**
   Dr. Chrysostomou, Panikos - Florina Ephorate of Antiquities (Presenting author)

04. **Ghost in the ruins: the analysis of building remains in Neolithic northern Greece and beyond.**
   Dr Kloukinas, Dimitris - Ephorate of Antiquities of Euboea (Greece) (Presenting author)

05. **Non-residential wooden structures in the Neolithic Lakeside Settlement Anarghiri IXb (Western Macedonia, Greece)** Giagkoulis, Tryfon - University of Bern, Institute of Archaeological Sciences (Presenting author)

06. **Layouts and Landscapes in the Central Balkans: A Comparative Study of Two Settlement Types**
   Penezić, Kristina - BioSense Institute, University of Novi Sad, Serbia; Centre for Digital Archaeology, Faculty of Philosophy, University of Belgrade (Presenting author); Tripković, Boban - Department of Archaeology, Faculty of Philosophy, University of Belgrade

07. **From the shrouding clay – microarchaeology of a Criș-settlement in the upper Tisa Region**
   Dr Sommer, Ulrike - Institute of Archaeology, UCL (Presenting author)

08. **The Application of 2D Morphometrics on Ceramic Assemblages: An Example from Early Neolithic Sites in Northwest Romania**
   Mr. Vindrola Padros, Bruno - University College London (Presenting author)

09. **The location and identification of activity areas around LBK longhouses**
    PhD student Połczyński, Łukasz - University of Gdańsk (Presenting author); Ms Michalak, Katarzyna Inga - University of Gdańsk

10. **Eythra and Elsewhere. Different BK-settlement Organization or All the Same?**
    Dr Staeuble, Harald - Archaeological Heritage Office (Presenting author)

11. **A complete LBK-settlement with many wells in Droßdorf, south of Leipzig, Saxony, Germany.**
    Kretschmer, Saskia - Archaeological Heritage Office Saxony, Germany (Presenting author)

12. **Unique well from Uničov and Neolithic settlement area in Moravia (Czech Republic)**
    Mgr., Ph.D. Kalabková, Pavlína - Palacký University Olomouc (Presenting author)

13. **A place to build your house – Internal settlement structures and external boundaries at the LBK-site of Arnoldswieher-Ellebach**
    Balkowski, Nadia - University of Cologne (Presenting author)

14. **No rondels around? Spatial analyses and site layouts of SBK settlements**
    Burgert, Pavel - Institute of Archaeology of the CAS, Prague; Dr. Ridky, Jaroslav - Institute of Archaeology of the CAS, Prague (Presenting author)
15. **The site layouts of the SBK settlements with rondels** Dr Končelová, Markéta - Institute of Archaeology of the CAS, Prague (Presenting author); Dr Květina, Petr - Institute of Archaeology of the CAS, Prague

16. **The Layout of Late Neolithic Settlement Area in Prague – Ruzyně: Evidence of Archaeological Finds and Structures** Ms. Blažková, Tereza - Charles University in Prague, Faculty of Arts (Presenting author); Mr. Kuchařík, Milan - Labrys, o.p.s.

17. **The evolution of Neolithic human habitation in the Mureş valley: the case of Şoimuş-La Avicola (Ferma 2), Romania** Petcu, Răzvan - “Vasile Pârvan” Institute of Archaeology, Romanian Academy; Archaeologist Ştefan, Cristian-Eduard - “Vasile Pârvan” Institute of Archaeology, Romanian Academy (Presenting author); Dimache, Mădălina - Gumelniţa Civilization Museum, Olteniţa

18. **Household practices and spatial organization at a Copper Age tell settlement: Pietrele, Romania. Exclusionary vs. corporate strategies in crafts production** Karaucak, Mehmet - Deutsches Archäologisches Institut (Presenting author)

19. **Buildings and features inside a causewayed enclosure of Middle Neolithic in West-Central France: Charmé, ‘Le Peu’ (Charente)** PhD student Onfray, Marylise - Université Paris 1, UMR 8215 Trajectoires (Presenting author); Dr Ard, Vincent - UMR 5608 TRACES, Université Toulouse Jean Jaurès; M. Aoustin, David - UMR 6566, Rennes; M. Boucher, Eric - Volunteer; M. Galin, Wilfrid - UMR 5608 TRACES; Prof. Mathé, Vivien - Maître de conférence, université La Rochelle, UMR 6250 LIENSs; Student Jeuffreau, Victor - Université Toulouse Jean Jaurès; Student Legrand, Victor - Université Toulouse Jean Jaurès; Ms Leroux, Valérie-Emma - Iggdrasil

20. **Living in the South of France around 4000 BC** Moreau, Clément - Archeodunum; Université Côte d’Azur; CNRS; CEPAM (Presenting author); Delhon, Claire - Université Côte d’Azur; CNRS; CEPAM; Léa, Vanessa - Université Toulouse II Jean-Jaurès; CNRS; TRACES

21. **The categorization of Early Neolithic places – Herrestorp, southern Sweden, as an illustrative example** Dr Berggren, Asa - Sydsvensk arkeologi; Dr Brorsson, Torbjörn - Kontoret för keramiska studier/Ceramic studies (Presenting author)

22. **Spatial organisation of a late Neolithic enclosure system at Pont-sur-Seine (Champagne, France)** DESBROSSE, Vincent - INRAP; Umr 8215/ Trajectoires (Presenting author); PELTIER, Virginie - INRAP

23. **Organisation and Specialisation - Activity Areas in Neolithic Settlements in the Western Baltic Region** Dr. Brozio, Jan Piet - Institute of Pre- and Protohistoric Archaeology CAU Kiel (Presenting author)

24. **Significance of causewayed enclosures in the structure of the Late Neolithic settlement areas: result of new researches in Bohemia** Dr Kristuf, Petr - University of West Bohemia in Pilsen (Presenting author); Dr Turek, Jan - Charles University in Prague

25. **Inhabiting the Southern Paris basin in the Late Neolithic: geoarchaeological contribution to reconstruct the arrangement of settlements** PhD student Onfray, Marylise - Université Paris 1, UMR 8215 Trajectoires (Presenting author)
26. The late Neolithic settlement of La Capoulière (Southern France): spatial organization and human activities. Jallot, Luc - Université Paul-Valéry Montpellier 3, UMR 5140 ASM; Wattez, Julia - Inrap-UMR5140/ASM (Presenting author); Di Pascale, Ambre - UMR 5140/ASM; Peinetti, Alessandro - UMR5140/ASM

POSTERS

Sacralization of living area among Neolithic hunters and fishers of the forest-steppe zone of Western Siberia. Ms Skochina, Svetlana - Institute of the problems of Northern development, SB RAS (Presenting author); Ms Enshin, Dmitri - Institute of the problems of Northern development, SB RAS

Traces en Négatif et Architecture de l’Âge du Bronze Ancien en Campanie. Prof. dott. Livadie, Claude - CNRS - Centre Camille Jullian (Presenting author); Arch. Castaldo, Emilio - Soprintendenza Archeologica della Campania

The oldest phase of the Linear Pottery Culture in the Lesser Poland (5600/5500-5300BC) - Genesis, dating, settlement, economy. Prof. Czekaj-Zastwany, Agnieszka - Institute of Archaeology and Ethnology, Polish Academy of Sciences (Presenting author); Dr Rauba-Bukowska, Anna - Institute of Archaeology and Ethnology, Polish Academy of Sciences; Ms Kukułka, Agnieszka - Regional Museum in Tarnów

075 THE ‘LONG’ 16TH CENTURY. ARCHAEOLOGICAL EVIDENCE FOR INNOVATIONS IN THE RURAL WORLD (TECHNOLOGY, AGRICULTURE AND HUSBANDRY)

Theme: 6. Interpreting the archaeological record
Room: 0.7
Date: Friday, September 1
Time: 8:30 - 12:45
Organiser: Grau Sologestoa, Idoia (Spain) - University of the Basque Country; Albarella, Umberto (United Kingdom) - University of Sheffield
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. An Introduction to “The ‘long’ 16th century: archaeological evidence for innovations in the rural world (technology, agriculture and husbandry)” Dr Albarella, Umberto - University of Sheffield (Presenting author); Dr Grau-Sologestoa, Idoia - University of the Basque Country; University of Sheffield

02. Impact of Subsistence on Medieval and Early Modern History Land Use in the Bohemian-Moravian Highlands. Mr Zaza, Petr - Masaryk University; Ms Mazackova, Jana - Masaryk University (Presenting author)
03. Changes in rural settlement and land-use on estates in South Bohemia during the 16th century
Dr. Capek, Ladislav - University of West Bohemia in Pilsen (Presenting author)

04. Reconstructing changes in rural settlement and landuse before and after the long 16th century.
Professor Lewis, Carenza - University of Lincoln (Presenting author)

05. Landscape and settlement evolution during the 16th century: multidisciplinary study of two
mountain areas Mr Chevassu, Valentin - MSHE Ledoux / Universite de Bourgogne-Franche-Comte
(Presenting author)

06. ‘Great break’ in rural textile craft in the end of the 16th century (Estonian example) Ms Rammo,
Riina - University of Tartu; Aalto University (Presenting author)

07. Innovation: turn something old into something new. Vicia faba var. major</i>. Nicolì, Marco -
University of Salento; Laboratory of Archaeobotany and Palaeoecology; D’Aquino, Silvia - University of
Salento; Laboratory of Archaeobotany and Palaeoecology (Presenting author); Dr Primavera, Milena
- University of Salento; Laboratory of Archaeobotany and Palaeoecology; Dr Grasso, Anna Maria
- University of Salento; Laboratory of Archaeobotany and Palaeoecology; Prof Fiorentino, Girolamo -
University of Salento; Laboratory of Archaeobotany and Palaeoecology

08. Improvements in Animal Husbandry During the ‘long’ 16th century in England: the Zooarchaeo-
logical Evidence Dr Grau-Sologestoa, Idoia - University of the Basque Country; University of Sheffield
(Presenting author); Dr Albarella, Umberto - University of Sheffield

09. Livestock and Landscape: Livestock Improvement and Landscape Enclosure in Late and
Post-Medieval England Fraser, Tamsyn - University of Sheffield (Presenting author)

10. Horses for courses: archaeological evidence for the directed breeding of horses in 16th-cen-
tury London Dr Thomas, Richard - University of Leicester (Presenting author); Dr Holmes, Matilda
- University of Leicester; Dr Morris, James - University of Central Lancashire

077 OVERCOMING CHALLENGES OF SUSTAINABILITY IN
ARCHAEOLOGY AND TOURISM

Theme: 3. Trans- and Metadisciplinary Approaches in Archaeology
Room: 2.8
Date: Thursday, August 31
Time: 10:00 - 12:45
Organiser: Willems, Annemarie (Finland) - AW Heritage Consultancy; Friends of ICAHM; EAA Working
Party: Integrating the Management of Archaeological Heritage and Tourism; Gowen, Margaret (Denmark) - EAA Board Member; EAA Working Party: Integrating the Management of Archaeological Heritage and Tourism; Høst-Madsen, Lene (Denmark) - Museum
Skanderborg; EAA Working Party: Integrating the Management of Archaeological Heritage and Tourism

Format: Session with a key note speaker with contributions from discussants and discussion
Speaker: Peter DeBrine (not yet confirmed!!)

ABSTRACTS

01. Destination Management at UNESCO World Heritage Properties Mr Debrine, Peter - UNESCO World Heritage Centre (Presenting author)

02. WTTC award for Parkstad Limburg and global top 100 sustainability for the region South Limburg Mrs Niewierra, Anya - VVV Zuid-Limburg; Discussant (Presenting author); Mrs Niewierra, Anya - VVV Zuid-Limburg

03. Ephesus and Mass Tourism Doz. Ladstaetter, Sabine - Austrian Archaeological Institute (Presenting author)

04. Tourist Development and World Heritage Status Dr Higgins, Valerie - American University of Rome (Presenting author)

05. Making Gran Nicoya Gran Again: Projects to Make Nicaragua’s Pre-Hispanic Past as a Tourism Resource MA, Current PhD student Montgomery, Paul Edward - University of York (Presenting author)

06. Six Roman ships on show along the Lower German Limes. The route to a world heritage site beneficial to all Doctorandus (Drs.) Hazenberg, Tom - 1Arch/Hazenberg Archeologie (Presenting author)

082 CLIMATE CHANGE AND ARCHAEOLOGICAL HERITAGE

Theme: 1. Twenty-five Years after Maastricht: Archaeology and Europe’s future
Room: 2.14
Date: Friday, September 1
Time: 14:00 - 16:45
Organiser: Biehl, Peter (United States) - University at Buffalo, SUNY; Vandrup Martens, Vibeke (Norway) - Norwegian Institute for Cultural Heritage Research (NIKU); Dalen, Elin (Norway) - Riksantikvaren/Directorat for Cultural Heritage
Format: Round table
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EVERY END HAS A START. THE TRANSFORMATIONS OF NEOLITHIC SOCIETIES AND THE EMERGENCE OF NEW ETHNIC IDENTITIES

Theme: 6. Interpreting the archaeological record
Room: 2.9
Date: Friday, September 1
Time: 14:00 - 16:45
Organiser: Van Wijk, Ivo (Netherlands) - Leiden University; Amkreutz, Luc (Netherlands) - National Museum of Antiquities; Hofmann, Daniela (Germany) - University of Hamburg; Haack, Fabian (Germany) - Landesmuseum Württemberg; Fontijn, David (Netherlands) - Leiden University
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. Emerging identities, transforming the past Dr. Hofmann, Daniela - Hamburg University (Presenting author); Dr. Amkreutz, Luc - National Museum of Antiquities (RMO)

02. Caught in the concept of culture: How to deal with multiple Middle Neolithic identities? Assist. Prof. Iversen, Rune - University of Copenhagen (Presenting author)

03. Neolithic revised. New data to chronology and pottery production in the mid 6th millennium calBC in the middle Danube region. Dr. Tóth, Peter - Department of Archaeology, Faculty of Arts, Comenius University in Bratislava, Slovakia (Presenting author); Dr. Barta, Peter - Department of Archaeology, Faculty of Arts, Comenius University in Bratislava, Slovakia; Mgr. Petřík, Jan - Department of Geological Sciences, Faculty of Science, Masaryk University in Brno, Czech Republic; Assoc. Prof. Dr. Pavúk, Juraj - Institute of Archaeology of Slovak Academy of Sciences in Nitra, Slovakia; Prof. Dr. Bátora, Jozef - Department of Archaeology, Faculty of Arts, Comenius University in Bratislava, Slovakia

04. The ethnogenesis of Western LBK regional groups Dr. Strien, Hans-Christoph - Johannes Gutenberg-Universität Mainz (Presenting author)

05. Deal with it! Navigating socio-economic change in the Neolithic of Northwest Europe Dr. Amkreutz, Luc - National Museum of Antiquities (RMO) (Presenting author)

06. Wind of change. Upper Silesia at the turn of the ages Dr Furmanek, Miroslaw - Institute of Archaeology, University of Wroclaw (Presenting author); Hafuszko, Agata - Institute of Archaeology, University of Wroclaw; Mackiewicz, Maksym - Institute of Archaeology, University of Wroclaw

07. Tracking the Neolithic Fall: a look from the Balkans Dr. Lazar, Catalin - National History Museum of Romania (Presenting author)

08. Ethnogenesis and Hybridity – Thoughts on Ruptures, Splits, and Melting Pots Dr Gramsch, Alexander - RGK - Romano-Germanic Commission DAI (Presenting author)
ART CRIME AND STOLEN HERITAGE. TOWARDS AN ARCHAEOLOGICAL CONSENSUS

Theme: 3. Trans- and Metadisciplinary Approaches in Archaeology
Room: 1.13/14
Date: Saturday, September 2
Time: 14:00 - 16:45
Organiser: Symonds, James (Netherlands) - University of Amsterdam (UvA); Lostal, Marina (Netherlands) - The Hague University of Applied Sciences; Morehouse, Lindsay (Netherlands) - University of Amsterdam (UvA); Weirich, Christine Acosta (United Kingdom) - University of Glasgow; Notroff, Jens (Germany) - Deutsches Archäologisches Institut (DAI); Munawar, Nour A. (Netherlands) - University of Amsterdam (UvA)
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. “Stolen heritage”. A case study in neo-modern/post-modern painting Archaeologist Fleury, Beatrice - retired (Presenting author)

02. HeDAP (Heritage Documentation and Protection): a tool to fight the illicit traffic of Libyan antiquities. Dr Leone, Anna - Department of Archaeology, Durham University (UK); Dr Nebbia, Marco - Department of Archaeology, Durham University (UK) (Presenting author); Mr Belzic, Morgan - Ecole Pratique des Hautes Etudes (France); Mission Archéologique Française pour la Libye Antique (France); Mr Brennan, John - School of Engineering and Computer Science, Durham University (UK); Dr Kureshi, Ibad - School of Engineering and Computer Science, Durham University (UK); Dr Haddad, Moftah - University of Tarhuna (Libya); Mr Alhrari, Naser - Department of Antiquities of Libya (Libya); Mr Hadia, Mahmoud - Department of Antiquities of Libya (Libya); Dr Obara, Boguslaw - School of Engineering and Computer Science, Durham University (UK); Dr Theodoropoulos, Georgios - School of Engineering and Computer Science, Durham University (UK); Ms Phillips, Olivia - School of Engineering and Computer Science, Durham University (UK); Dr Hesein Bianco, Mohamed - Omar Al-Mukhtar University (Libya)

03. Basic Groundwork Supporting the Protection of Cultural Heritage: Ideas for Educational Concepts Dr Anvari, Jana - Flinders University; HerA Heritage Advisors (Presenting author); Ideli, Andrea - HerA Heritage Advisors; Kruip, Margrith - HerA Heritage Advisors; Freie Universität Berlin; Notroff, Jens - HerA Heritage Advisors; German Archaeological Institute; Weiler-Esser, Julia - HerA Heritage Advisors

04. Conflicting Interests: An Exploration Of How Conflict Zones Help To Facilitate The International Illicit Antiquities Network. Ms Weirich, Christine Acosta - University of Glasgow (Presenting author)

05. Post-Conflict Archaeologies and Community Engagement MA, Current PhD student Munawar, Nour A. - University of Amsterdam (Presenting author)
WHERE NOW IN CONFLICT ARCHAEOLOGY?

Theme: 6. Interpreting the archaeological record
Room: 0.8
Date: Saturday, September 2
Time: 14:00 - 16:45
Organiser: Carman, John (United Kingdom) - University of Birmingham; Van Lochem, Philip (Netherlands) - University of Birmingham; King, Christopher (United Kingdom) - University of Birmingham
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. REACHING OUT OR REACHING IN? MAKING CONFLICT ARCHAEOLOGY RELEVANT Dr Carman, John - Ironbridge International Institute for (Presenting author)
02. To produce conflict as a mechanism of suppression, the case of Sheikh Khazal suppression, late 19th early 20th century Iran Dr. Dezhamkhooy, Maryam - Alexander von Humboldt Foundation, Heidelberg Universität, (Presenting author)
03. Landscapes of Fortification and Conflict as Projects of Political Authorization and Subjectivation in the Bronze and Iron Age South Caucasus Dr. Lindsay, Ian - Purdue University (Presenting author); Dr. Greene, Alan - New York University
04. Capitalism is Conflict: Reconsidering Subtle and Covert Violence within Marginalized Communities Dr Anderson, Christine - Berea College (Presenting author)
05. Giving a voice to the voiceless: exploring marginalised narratives of conflict on a Pacific battlefield Dr. Raffield, Ben - Uppsala University (Presenting author); Dr. Knecht, Rick - University of Aberdeen; Prof. Price, Neil - Uppsala University; Mr. Lindsay, Gavin - University of Aberdeen
06. The Archaeology of Conflict and Feminist Theory Spencer-Wood, Suzanne M. - Oakland University; Harvard University (Presenting author)
07. Queens in the Sand: The Problems of Investigating Neo-Assyrian Battles Ms. Bennett, Eleanor - University of Birmingham (Presenting author)
08. Battlefields and the Wider Landscape Mr King, Christopher - University of Birmingham (Presenting author)
09. Conflict Archaeology and the potential of battlefield research in the Netherlands van Lochem, Philip - The University of Birmingham (Presenting author)
109 WORK SMARTER, NOT HARDER. INTEGRATED ARCHAEOLOGICAL APPROACHES TO OCCUPATIONAL HEALTH IN PAST SOCIETIES

Theme: 6. Interpreting the archaeological record
Room: 2.3
Date: Saturday, September 2
Time: 14:00 - 16:45
Organiser: Radini, Anita (United Kingdom) - University of York, UK; Nikita, Efthymia (Cyprus) - STARC-The Cyprus Institute
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. LANIFICA project: the role of women in Roman Textile Craft through the evidence given by funerary contexts Dr. Rossi, Cecilia - Università degli Studi di Padova (Presenting author); Dr. Canci, Alessandro - Università degli Studi di Padova

02. Living, Breathing Beings: Linking Skeletal Pathology and Dental Calculus, a Case Study from an industrial Town. Dr Speller, Camilla - University of York; Miss MacKenzie, Lisa - University of York; Dr Radini, Anita - University of York (Presenting author)

03. Exploring past occupations from the micro-to the macro-bioarchaeological scale: A case study from Medieval England Dr Nikita, Efthymia - The Cyprus Institute (Presenting author)

04. Exploring occupational health in the Medieval Period using experimental archaeology and ‘dirty teeth’ Delaney, Sarah - University of York (Presenting author); Dr Alexander, Michelle - University of York

05. Comparative analysis of human dental microwear from St. Michael’s and St. Peter’s parishes in Leicester. Nesterova, Elena - The University of Sheffield (Presenting author); Miss Lawrence, Lucy - The University of Sheffield

06. Women, health and the ancient “craft” of cooking: an archaeological prospective Dr Radini, Anita - BioArCh, University of York (Presenting author)
MADE FROM FIRE AND STONE. THE PHENOMENON OF VITRIFIED FORTS

Theme: 6. Interpreting the archaeological record
Room: 1.06
Date: Saturday, September 2
Time: 14:00 - 16:45
Organiser: Posluschny, Axel (Germany) - Keltenwelt am Glauberg; Ralston, Ian (United Kingdom) - University of Edinburgh; Richter, Benjamin (Germany) - Goethe-University Frankfurt
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. The Phenomenon of Vitrified Forts – An Introduction M.A. Richter, Benjamin - Goethe Universität (Presenting author); Dr. Posluschny, Axel G. - Keltenwelt am Glauberg

02. Vitrified forts and related sites in Britain and Ireland Professor Ralston, Ian - University of Edinburgh (Presenting author); Professor Lock, Gary - University of Oxford

03. Burnt Bronze Age Fortifications between the Taunus and Carpathian Mountains M.A. Richter, Benjamin - Goethe Universität

04. Vitrified fort, glass factory or...? The iron age “Schlackenwall” (slag wall) on the Donnersberg (Palatinate, Germany) Dr. Zeeb-Lanz, Andrea - GDKE Rheinland-Pfalz (Presenting author)

05. Burn hillfort, burn – Dun Deardail inferno Ms Dolan, Amanda-Jane - University of Stirling (Presenting author); Dr Wilson, Clare - University of Stirling

06. Remarkable places; ordinary lives? The artefacts from Dun Deardail and other vitrified hillforts in Scotland. Dr McLaren, Dawn - AOC Archaeology Group (Presenting author)

07. Dating the vitrification of Dun Deardail, Scotland using new methods of fire event reconstruction Dr Hawthorne, Donna - AOC Archaeology (Presenting author); Dr McLaren, Dawn - AOC Archaeology

08. The vanished vitrified fort of Schwarzenbach-Burg, Austria - A multi-disciplinary study Fera, Martin - University of Vienna (Presenting author); Kucera, Matthias - Ludwig Boltzmann Institute for Archeological Prospection; Schneidhofer, Petra - Ludwig Boltzmann Institute for Archeological Prospection; Neubauer, Wolfgang - Ludwig Boltzmann Institute for Archeological Prospection; Doneus, Michael - University of Vienna

09. Vitrified walls in the Iron Age of Western Iberia: New researches from Archaeometry approaches. Professor Dr Berrocal-Rangel, Luis - Universidad Autónoma de Madrid; Ms Ruano, Lucía - Universidad Autónoma de Madrid (Presenting author)
BETWEEN RESEARCH HISTORY AND CUTTING-EDGE ANALYSIS. CULTURAL TAXONOMIES AS THE BUILDING BLOCKS FOR THE EUROPEAN STONE AGE

Theme: 5. Comparing Archaeology Across Regions and Periods

Room: 2.3

Date: Thursday, August 31

Time: 15:30 - 18:15

Organiser: Fernández-López de Pablo, Javier (Spain) - Institut Català de Paleoeconomia Humana i Evolució Social (IPHES); Riede, Felix (Denmark) - Department of Archaeology, Aarhus University

Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. Finding the pioneers of the North – more than just a data problem (Asking philosophical questions about hunter-gatherer research)
   Dr. Grimm, Sonja - SFB 1266 Scales of Transformation; Centre for Baltic and Scandinavian Archaeology (ZBSA), SSHL Schloss Gottorf (Presenting author); Dr. Arponen, Vesa - SFB 1266 Scales of Transformation; Graduate School Human Development in Landscapes, CAU Kiel

02. Cultural taxonomy in the Russian Upper Palaeolithic
   Dr. Reynolds, Natasha - Université de Bordeaux (Presenting author)

03. 2D geometric morphometric analysis reveals remarkable diversity in Final Palaeolithic large tanged and arch-backed points
   Dr. Hoggard, Christian - Department of Archaeology and Heritage Studies, Aarhus University. (Presenting author); Dr. Riede, Felix - Department of Archaeology and Heritage Studies, Aarhus University.

04. Technological traditions as proxy for social contact and cultural development
   Researcher Berg-Hansen, Inger Marie - Museum of Cultural History, University of Oslo (Presenting author)

05. Archaeological entities and comparative taxonomy during the Pleistocene-Holocene transition in the Iberian Mediterranean region
   Prof. Alday Ruiz, Alfonso - Universidad del País Vasco UPV/EHU; Prof. Aura-Tortosa, Juan Emili - Departamento de Prehistoria y Arqueología, Universidad de Valencia; Dr. Fernández-López de Pablo, Javier - Institut Català de Paleoeconomia humana i Evolució Social (IPHES) (Presenting author)

06. THE SIGNIFICANCE OF EXPEDIENT BEHAVIOR IN THE DEFINITION OF CULTURAL TAXONOMIES: THE MESOLITHIC CASE
   Dr. Vaquero, Manuel - Universitat Rovira i Virgili; Institut Català de Paleoeconomia Humana i Evolució Social (IPHES) (Presenting author); Ms. Alonso, Susana - Universitat Rovira i Virgili; Institut Català de Paleoeconomia Humana i Evolució Social (IPHES)

07. APPROACHING LAST HUNTER-GATHERERS MOBILITY BY MEANS OF THE LITHIC RECORD
   Dr. García-Puchol, Oreto - Universitat de Valencia; Student Cortell-Nicolau, Alfredo - Universitat de València (Presenting author); Dr. McClure, Sarah B. - The Pennsylvania State University; Dr. Barton, Michael - Arizona State University; Dr. Juan Cabanilles, Joaquim - Museu de Prehistoria/Servei
d’investigació prehistòrica Diputació de València; Dr. Diez-Castillo, Agustín - Universitat de València; Dr. Pardo-Gordó, Salvador - Universitat de València

08. **Continuity and Change in the Late Mesolithic Period. A Case Study from South-East Norway**
Fossum, Guro - Museum of Cultural History University of Oslo (Presenting author)

09. **Approaching the Neolithic as a construct: Terminological confusion in Levantine research**
Dr. Richter, Tobias - Department of Cross-Cultural and Regional Studies, University of Copenhagen; Sæhle, Ingeborg - NIKU - Norwegian Institute for Cultural Heritage Research (Presenting author)

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**122 WORKING TOGETHER. HOW SHOULD EAA AND CIFA COLLABORATE?**

**Theme:**
1. Twenty-five Years after Maastricht: Archaeology and Europe’s future

**Room:**
2.11

**Date:**
Thursday, August 31

**Time:**
10:00 - 12:45

**Organiser:**
Belford, Paul (United Kingdom) - Clwyd-Powys Archaeological Trust; Fernandez-Gotz, Manuel (United Kingdom) - University of Edinburgh; Hinton, Peter (United Kingdom) - Chartered Institute for Archaeologists; Hueglin, Sophie (Switzerland) - Organisation of the Foundation Pro Kloster St. Johann in Müstair

**Format:**
Round table

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**ABSTRACTS**

01. **An introduction to CIfA**
Hinton, Pete - CIfA; Dr Wait, Gerald - CIfA (Presenting author)
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OBVIOUSLY, THERE WAS SOMEONE BEFORE THE VIKINGS...
CASE-STUDIES FROM THE DARK-AGES OF NORTHEASTERN EUROPE

Theme: 6. Interpreting the archaeological record
Room: 1.06
Date: Friday, September 1
Time: 14:00 - 16:45
Organiser: Jansone, Santa (Latvia) - University of Latvia; Dworschak, Nina (Germany) - Romano-Germanic Commission of the German Institute of Archaeology; Chilinska, Agata (Poland) - none
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. Settlement dynamics and agricultural development of societies in Lithuania in the first millennium AD
Dr Velius, Gintautas - Administration of the State Cultural Reserve of Kernave; Minkevicius, Karolis - Vilnius University (Presenting author); Dr Vengalis, Rokas - Lithuanian History Institute

02. Preparing for the Viking Period - the development of iron technology in Scandinavia during the Migration period
Mr Jouttijarvi, Arne - Heimdal-archaeometry (Presenting author)

03. Migration Period between Odra and Vistula: new sources, new ideas
Prof Bursche, Aleksander - University of Warsaw; Dr Zapolska, Anna - University of Warsaw (Presenting author)

05. The thing before the Viking age. Exploring collective identity through cooking pit sites
Dr Ødegaard, Marie - Museum of Cultural History University of Oslo (Presenting author)

07. The Migration Period between Odra and Vistula: new sources, new ideas
Prof. Bursche, Aleksander - University of Warsaw; Zapolska, Anna - University of Warsaw (Presenting author)

POSTERS

THE ARCHITECTURE OF DEATH IN ESTONIA: INSTALLATION, DEVELOPMENT AND CONTINUITY OF FUNERARY STRUCTURES DURING THE PROTOHISTORY
Dr. Abbate, Stefano - Independent researcher (Presenting author)

North-West of Russia in the early Middle Ages: settlement around the lakes
Mikhaylova, Elena - Saint Petersburg State University (Presenting author)
EXPLORING THE SPATIAL AND TEMPORAL SCALES OF WARFARE AND CONFLICT

Theme: 6. Interpreting the archaeological record
Room: 1.05
Date: Friday, September 1
Time: 8:30 - 12:45
Organiser: van der Schriek, Max (Netherlands) - Vrije Universiteit Amsterdam; Roymans, Nico (Netherlands) - Vrije Universiteit Amsterdam; Symonds, James (Netherlands) - Universiteit van Amsterdam; Burmeister, Stefan (Germany) - Museum und Park Kalkriese
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. Exploring the spatial and temporal scales of warfare and conflict Van der Schriek, Max - (Presenting author)

02. Some long-term observations on infantry warfare in Europe from late prehistory to the 19th century Professor Dr Roymans, Nico - Vrije Universiteit Amsterdam (Presenting author)

04. Violent post battle processes as psychological coping strategies of traumatic war experiences? Burmeister, Stefan - Museum und Park Kalkriese (Presenting author)

06. Defend in depth or not: differing approaches to the defence of the Isle of Man between the 16th -19th centuries Mr Johnson, Andrew - Manx National Heritage (Presenting author)

07. Deserted villages in Bohemia as an evidence of the Thirty Years´ War impact on local populations Doc PhDr Vařeka, Pavel - Západočeské univerzity v Plzni (Presenting author); Professor Dr Symonds, James - University of Amsterdam

08. The construction of a fortified frontier landscape during the Portuguese Restoration War (1640-1668). Methodological proposal and theoretical model Miss Blanco-Rotea, Rebeca - Santiago de Compostela University (Spain); Minho University (Portugal) (Presenting author)

09. The Occupationscape: understanding long term trends in landscapes of military occupation Dr Carr, Gilly - University of Cambridge (Presenting author)

10. An occurrence at Vossenack Ridge: Reading ‘hidden’ battlefields of modern warfare as conflict landscapes Prof. Dr. Rass, Christoph - University of Osnabrueck (Presenting author)

11. Dutch twentieth century landscapes of conflict. The implementation of LiDAR-based Digital Elevation Models. Mr VAN DER SCHRIEK, Max - Vrije Universiteit Amsterdam (Presenting author)

12. Terrorscapes as Heterotopias Kolen, Jan - Faculty of Archaeology, Leiden University (Presenting author); Kolen, Jan - Leiden University

13. A Desert Transformed by the Works of War: An Archaeology of the Western Sahara Conflict 1975-1991 Dr Garfi, Salvatore - University of Nottingham (Presenting author)
POSTERS
The significance of sword in the Bronze Age societies in Bohemia Dr Kristuf, Petr - University of West Bohemia in Pilsen (Presenting author); Ms Havlikova, Marketa - University of West Bohemia in Pilsen
New burial site of Golden Horde combat in Central Kazakhstan: diverse landscape of conflicts at the Bulanty Senior Fellow USMANOVA, EMMA - Buketov Karaganda State University, Saryarka Archaeological Institute (Presenting author); Associate Research Professor Panyushkina, Irina - Laboratory of Tree-Ring Research, University of Arizona

135 CONTEXTUALISING THE DEAD
Theme: 6. Interpreting the archaeological record
Room: 0.8
Date: Friday, September 1
Time: 8:30 - 12:45
Organiser: Gerdau, Karina (United Kingdom) - Bournemouth University; Gale, John (United Kingdom) - Bournemouth University; Herrera, Alexander (Colombia) - Universidad de los Andes
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS
01. Keeping the dead close: continuing bonds, past and present Dr Croucher, Karina - University of Bradford (Presenting author); Dr Büster, Lindsey - University of Bradford; Dr Dayes, Jennifer - University of Bradford; Prof Faull, Christina - LOROS; Green, Laura - University of Bradford
02. Dead body management and site function(s): what interactions? Zemour, Aurélie - Ausonius UMR 5607 LabExSciences archéologiques de Bordeaux; Université Côte d’Azur, Nice, France; CNRS CEPAM UMR 7264; Università degli studi di Roma « La Sapienza » (Presenting author); Binder, Didier - Université Côte d’Azur, Nice, France; CNRS CEPAM UMR 7264; Coppa, Alfredo - Università degli studi di Roma « La Sapienza »; Duday, Henri - UMR 5199 PACEA, Université de Bordeaux
03. Village of the dead and village of the living: rock-cut tomb landscapes in ethnographic Sulawesi and Late Neolithic Sardinia Dr Robin, Guillaume - University of Edinburgh (UK) (Presenting author); Dr Adams, Ron - Simon Fraser University (Canada); Dr Soula, Florian - Aix-Marseille University (France)
04. Without cemeteries. Diversity of mortuary practices from the 6–5th millennium BC in eastern Hungary Dr Anders, Alexandra - Eotvos Lorand University (Presenting author)
05. Blurred genders in the Middle and Late Iron Age child burials in Latvia Ms Vilka, Aija - Institute of Latvian History at the University of Latvia (Presenting author)
06. Dead once – buried twice. The secondary manipulation of the body after death during Neolithic at the Lower Danube Kogalniceanu, Raluca - Vasile Parvan Institute of Archaeology Bucharest (Presenting author); Simalcsik, Angela - Olga Necrasov Centre for Anthropological Research Iasi; Stefan, Cristian Eduard - Vasile Parvan Institute of Archaeology Bucharest
07. **Bordering the settlement? Funerary features at the Middle Bronze Age site of Pianu de Jos (central Romania).** Voicu, Madalina - National History Museum of Romania (Bucharest, Romania) (Presenting author); Vasile, Gabriel - Vasile Pârvan Institute of Archaeology (Bucharest, Romania); Ilie, Marius - Trent & Peak Archaeology (Nottingham, UK)

08. **The evolution of a Deathscape in Later Neolithic and Early Bronze Age Britain and getting to grips with contemporary cosmologies.** Mr Gale, John - Bournemouth University (Presenting author)

09. **Do Iron Age Pit Burials Represent Independent Rituals of Smaller Communities or Are They Part of a Larger Prehistoric Ideology?** Ms Sperrevik, Janne - Bournemouth University; Mr Cheetham, Paul - Bournemouth University; Mr Evans, Damian - Bournemouth University; Dr Hambleton, Ellen - Bournemouth University; Mr Manley, Harry - Bournemouth University; Dr Russell, Miles - Bournemouth University; Dr Smith, Martin J. - Bournemouth University; Dr Gerdau, Karina - Bournemouth University (Presenting author)

10. **Creation or manipulation of the memory? The re-use of the tumulus in Lerna in Early Mycenaean period.** MA Dudlik, Katarzyna - Adam Mickiewicz University (Presenting author)

11. **From life to death. Burial practices and rites from the Middle Bronze to Early Iron Age in north-western Poland.** Laciak, Dagmara - Adam Mickiewicz University in Poznań, Poland; Józefowska, Anna - Institute of Archaeology and Ethnology PAS in Wrocław, Poland (Presenting author)

12. **The Late Antique and early Islamic Necropoles of Matmar and Mostagedda, Middle Egypt: Chronology, Community, and Larger Social Context** Mr. Boudin, Mathieu - Institut Royal du Patrimoine Artistique, Brussels; (current PhD. Student) Plesa, Alexandra - Vrije Universiteit Amsterdam (Presenting author); Mr. Van Strydonck, Mark - Institut Royal du Patrimoine Artistique, Brussels

13. **Water of the dead: mortuary landscapes and ancient hydraulics in the Andes** Prof. Herrera, Alexander - Universidad de los Andes (Presenting author)

**POSTERS**

**Conceptualising death through the Candoshi** Ph.D Student Kolp-Godoy, Maria - University of Zurich; CIABG; M.A. Silvia Mónica, Panaífo Teixeira - Centro Mallqui (Presenting author); B.A. Ana, Fernández Valdivia - UNMSM; CIABG (Presenting author); M.A. Violeta, Chamorro - Universidad Nacional de Trujillo (Presenting author)
BRIDGING THEORETICAL AND PRACTICAL DIVIDES IN PUBLIC ARCHAEOLOGY

Theme: 3. Trans- and Metadisciplinary Approaches in Archaeology
Room: 1.10
Date: Thursday, August 31
Time: 15:30 - 18:15
Organiser: Oldham, Mark (Norway) - Norwegian Institute for Cultural Heritage Research; Matsuda, Akira (Japan) - University of Tokyo
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. 'Archeostorie Journal of Public Archaeology': an Italian bridge between theory and practice
Dal Maso, Cinzia - Center for Public Archaeology Studies Archeostorie; editor in chief, Archeostorie. Journal of Public Archaeology (Presenting author); Peyronel, Luca - Department of Humanities, University IULM of Milan; editor in chief, Archeostorie. Journal of Public Archaeology

02. Let 100 flowers blossom -but please don’t make it complicated
Mr. SCHADLA-HALL, RICHARD TIMOTHY - Institute of Archaeology UCL (Presenting author); Mr Schadla-Hall, Tim - Insitute of Archaeology UCL

03. Public Archaeology Perspectives: From theory to practice and back again
OLDHAM, MARK - Norwegian Institute for Cultural Heritage Research (Presenting author)

04. Too Big to Fail: why Public Archaeology has become more crucial to people’s lives than ever before
Dr Grima, Reuben - University of Malta (Presenting author)

05. Premises or promises? The difficult relationship between theoretical and practical approaches in Italian public archaeology
Ripanti, Francesco - University of Pisa (Presenting author)

06. Triggering memory and meaning for the online public; the abandoned national schools of Ireland
Mr. O’ Flaherty, Enda - Rubicon Heritage (Presenting author)

07. 210 BC - The Conquest of Akragas - A case of popularization in Sicily
Speciale, Claudia - PastActivity; Virruso, Giovanni - PastActivity; Danile, Laura - PastActivity (Presenting author)

08. Public archaeology, economy, and the role of expertise in 2017
Dr Matsuda, Akira - University of Tokyo (Presenting author)
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MULTI-TECHNIQUE APPROACHES TO INVESTIGATING MOBILITY WITHIN HIGH-RESOLUTION CHRONOLOGICAL FRAMEWORKS

Theme: 4. The ‘Third Science Revolution’ in Archaeology
Room: 0.1
Date: Thursday, August 31
Time: 10:00 - 12:45
Organiser: Díaz-Zorita Bonilla, Marta (Germany) - Tübingen Universität; Hamilton, Derek (United Kingdom) - Scottish Universities Environmental Research Centre
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. Matching human lifetimes to human lifeways: refining understanding early Neolithic mobility in Alsace
Dr. Bickle, Penny - University of York (Presenting author)

02. GENETIC REFLUX IN MIDDLE NEOLITHIC PORTUGUESE ESTREMADURA? ANCIENT DNA EVIDENCE FROM BARRÃO AND BOM SANTO BURIAL-CAVES
Professor Carvalho, António - University of Algarve; Dr Fernández, Eva - Durham University (Presenting author); Ms Robinson, Catherine - Liverpool John Moores University

03. DIETARY AND MOBILITY PATTERNS IN NORTHERN IBERIA. MULTI-ISOTOPE ANALYSIS OF CHALCOLITHIC IRUAXPE I AND URTAO II (ARETXABALETX, GIPUZKOA) ARCHAEOLOGICAL SITES.
Sarasketa-Gartzia, Izaskun - University of Basque Country (Presenting author); Villalba-Mouco, Vanessa - University of Zaragoza; Arrizabalaga, Álvaro - University of Basque Country; Salazar-García, Domingo Carlos - University of Basque Country; University of Cape Town; Max Planck Institute for the Science of Human History; Ikerbasque Basque Foundation for Science

04. Reassessing Copper and Bronze Age regional mobility patterns in Central Iberia through radiogenic (87Sr/86Sr) and stable (δ18O, δ13C) isotope ratios
Dr. Díaz-Zorita Bonilla, Marta - Tübingen Universität (Presenting author); Dr. Waterman, Anna - Mount Mercy University; Dr. Pérez Villa, Alberto - UNED; Dr. Martínez Navarrete, María Isabel - CSIC, Instituto de Historia; Dr. Vicent, Juan - CSIC, Instituto de Historia; Prof. Bocherens, Hervé - Tübingen Universität; Dr. Díaz del Río, Pedro - CSIC, Instituto de Historia

05. Contrasting signs of migration in megalithic graves of Western Sweden
Blank, Malou - Göteborgs Universitet; Dr M Svensson, Emma - Uppsala Universitet (Presenting author); Dr Sjögren, Karl-Göran - Göteborgs universitet; Dr Storå, Jan - Stockholms Universitet; Prof Jakobsson, Mattias - Uppsala University

07. Celtic Cowboys: Revisited
Dr. Hamilton, Derek - University of Glasgow (Presenting author); Dr. Sayle, Kerry - University of Glasgow; Prof. Haselgrove, Colin - University of Leicester; Prof. Cook, Gordon - University of Glasgow

08. To move or not to move. Sheep herding strategies in Iron-Age North-Eastern Spain inferred from strontium and oxygen isotopic analyses
Dr Valenzuela-Lamas, Silvia - Consejo Superior de Investigaciones Científicas (Presenting author); Dr Orengo, Hector - University of Cambridge;
POSTERS

Patterns of mobility and trade in late prehistoric Portugal: Using strontium isotope (87Sr/86Sr) signatures to identify migration and natal landscapes Dr. Waterman, Anna - Mount Mercy University (Presenting author); Dr. Wright, Elizabeth - University of Sheffield; Dr. Kunst, Michael - German Archaeological Institute, Madrid; Dr. Cardoso, João Luís - Aberta University; Dr. Figueiredo, Alexandra - Instituto Politécnico de Tomar; Dr. Peate, David - University of Iowa

142 PEOPLE OF THE NORTH SEA
Theme: 5. Comparing Archaeology Across Regions and Periods
Room: 1.15
Date: Thursday, August 31
Time: 8:30 - 12:45
Organiser: Nieuwhof, Annet (Netherlands) - Groningen Institute of Archaeology; Deckers, Pieterjan (Belgium) - Vrije Universiteit Brussel; Nicolay, Johan (Netherlands) - University of Groningen; Siegmüller, Annette (Germany) - Lower Saxony Institute for Historical Coastal Research
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. Migration and the importance of networks during the 3rd-5th centuries: the evidence from the terp region of the northern-Netherlands Dr. Nieuwhof, Annet - University of Groningen (Presenting author)

02. The Late Roman limes revisited. The changing function of the Roman army in the Dutch river/coastal area (AD 260-406/7). van der Meulen, Berber - Vrije Universiteit Amsterdam (Presenting author)

03. A conscious emulation or a practical approach? The re-occupation of Roman villas in Saxon England and the Merovingian Low Countries Mhr. Dodd, James - VU Amsterdam (Presenting author)

04. Landscapes of otherness? Migration, ‘ethnicity’, ‘apartheid-like structures’ and cultural difference in the early medieval English landscape c400-800AD Dr Oosthuizen, Susan - University of Cambridge (Presenting author)
05. Living, dying, and the creation of the early medieval kingdom of Northumberland, c. 300-800 CE
Dr Buchanan, Brian - Durham University (Presenting author); Dr Semple, Sarah - Durham University; Dr Harrington, Susan - Durham University

06. Monumental identities: funerary landscapes and social change in southern England and the near Continent, AD 400-900
Dr Mees, Kate - Durham University (Presenting author)

07. 1st Millenium Aristocrats on the West Coast of Jutland
Head Curator Søvsø, Morten - Museum of South West Jutland (Sydvestjyske Museer) (Presenting author)

08. Shiny glass from distant shores. Trade, seafaring and society along the North Sea coast in the Migration period
Dr. Segschneider, Martin - Lower Saxony Institute for historical coastal research (Presenting author)

09. Germanic words for amber and their origin
Prof. Dr. Rübekeil, Ludwig - University of Zurich (Presenting author)

11. A Vendel helmet from Friesland: the expression of a Scandinavian identity in the pre-Viking North Sea world
Dr. Nicolay, Johan - University of Groningen (Presenting author)

POSTERS

About the roots of the Rosette Twills around the North Sea
Dr Siegmueller, Annette - Niedersächsisches Institut für historische Küstenforschung (Presenting author)

143  ARCHAEOLOGY OF 20TH CENTURY ARMED CONFLICTS IN EUROPE

Theme: 1. Twenty-five Years after Maastricht: Archaeology and Europe's future
Room: 0.2
Date: Friday, September 1
Time: 14:00 - 16:45
Organiser: Perez-Juez, Amalia (Spain) - BOSTON UNIVERSITY; Gonzales-Ruibal, Alfredo (Spain) - CSIC - Spain; Morin, Jorge (Spain) - AUDEMA, Spain; Elia, Ricardo (United States) - BOSTON UNIVERSITY

Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. Beyond exhumations: archaeology of 20th century armed conflicts in Poland
Dr Kobialka, Dawid - Institute of Archaeology and Ethnology PAN (Presenting author); Dr Kajda, Kornelia - Adam Mickiewicz University

02. Moluccan resistance in the Netherlands: archaeology of guerrilla, protest or terrorism?
MSc Wijnen, Jobbe - Wijnen Cultuurhistorisch Onderzoek (Presenting author)

03. Actions to know and to visualize the conflict in Extremadura- Spain
PhD candidate Perez Maestro, Carmen - Universidad de Alcala (Presenting author)
04. ‘Diksmuide revisited:’ A confrontation between the archaeological record and the aftermath of the first world war in Belgium. Heyvaert, Bert - Group Monument; Conflict in contact (Presenting author)

05. All quiet on the home front: recording and preserving non-battlefield remains Mr O’Meara, Don - Historic England (Presenting author)

06. The complicated question of memory in Spanish Civil War Heritage Dr PEREZ-JUEZ, AMALIA - BOSTON UNIVERSITY (Presenting author)

07. “Durchgangslager Hangö 1942-1944” - Perspectives on the conflict archaeology of a Second World War transition camp in Hanko S. Finland MA Fast, Jan - University of Helsinki (Presenting author)

08. Japanese Cultural Plunder during the Pacific War: 1937-1945: Unresolved Issues Professor Elia, Ricardo - Boston University (Presenting author)

09. Rewriting war episodes: The Battle of Toledo revisited using a multidisciplinary methodological approach Dr Sánchez Ramos, Isabel - Institute of Advance Studies, Paris; Dr Morin de Pablos, Jorge - Audema, Madrid (Presenting author); Mr Barroso Cabrerá, Rafael - Audema, Madrid; Mr Carrobles, Jesús - Real Academia de Toledo; Dr Malalana, Antonio - Universidad San Pablo CEU, Madrid; Mr Isabel, Jose Luis - Academia de Infantería de Toledo; Mr Ruiz Casero, Luis - Universidad de Alcalá de Henares; Mr Ramos, Jose - Academia de Infantería de Toledo

144 ARCHAEOLOGY AT SITES OF PROTEST, RESISTANCE AND COMPLIANCE

Theme: 6. Interpreting the archaeological record
Room: 2.10
Date: Friday, September 1
Time: 11:30 - 12:45
Organiser: Theune, Claudia (Austria) - University of Vienna; Dézsi, Attila (Germany) - University of Hamburg; McAtackney, Laura (Denmark) - Aarhus University
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS


02. ‘LOW COST’ ARCHAEOLOGY IN POST-CONFLICT BASQUE COUNTRY: THE GROUP OF SOCIAL ARCHAEOLOGY (GAS) ‘LOW COST’ ARCHAEOLOGY IN POST-CONFLICT BASQUE COUNTRY: THE GROUP OF SOCIAL ARCHAEOLOGY (GAS) Santamarina-Otaola, Josu - University of the Basque Country (UPV-EHU) (Presenting author); Tejerizo-García, Carlos - Institute of Heritage Sciences (CSIC); Romero-Alonso,
03. **Historical Archaeology at sites of protest: Critical and Community Archaeology at the “Free Republic of Wendland”** M.A. Dezsi, Attila - University of Hamburg (Presenting author)

04. **The negotiated realities of political imprisonment in 20th century Ireland** Dr McAtackney, Laura - Aarhus University (Presenting author)

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### 146 3D TECHNOLOGIES IN ARCHAEOLOGICAL DOCUMENTATION, ANALYSIS AND INTERPRETATION

**Theme:** 4. The ‘Third Science Revolution’ in Archaeology  
**Room:** 0.4  
**Date:** Thursday, August 31  
**Time:** 8:30 - 11:30  
**Organiser:** Bertaud, Alexandre (France) - Ausonius Institut, University Bordeaux Montaigne; Pakkanen, Jari (Finland) - Finnish Institute at Athens; Royal Holloway, University of London  
**Format:** Session, made up of a combination of papers, max. 15 minutes each

### ABSTRACTS

01. **Combining Intensive Total Station Drawing and Photogrammetry in Archaeological Fieldwork Documentation** Dr Pakkanen, Jari - Finnish Institute at Athens and Royal Holloway, Univ. of London (Presenting author)

02. **3D modelling of complex sites in arid environments: data capture, processing and analysis in the Atacama Desert** Parcero-Oubiña, César - Instituto de Ciencias del Patrimonio (Incipt), Spanish National Research Council (CSIC) (Presenting author); González Rodríguez, Cristián - Freelance Archaeologist; Murphy, Beau - University of New Mexico

03. **The analysis of ancient monuments between tradition and innovation: the case study of The Four Small Temples area at Ostia** PhD student Pansini, Antonella - Sapienza University of Rome (Presenting author)

05. **Transforming Stratigraphy into 3D shapes: scrutinising a Neolithic house** Vágvölgyi, Bence - Hungarian Academy of Sciences, Research Centre for Humanities, Institute of Archaeology (Presenting author); Dr. Serlegi, Gábor - Hungarian Academy of Sciences, Research Centre for Humanities, Institute of Archaeology; Dr. Marton, Tibor - Hungarian Academy of Sciences, Research Centre for Humanities, Institute of Archaeology; Gortva, Gergely - Hungarian Academy of Sciences, Research Centre for Humanities, Institute of Archaeology; Jakucs, János - Hungarian Academy of Sciences, Research Centre for Humanities, Institute of Archaeology; Kolonits, László - Ásatárs Ltd.; Vas, Gábor - Independent Researcher; Dr. Oross, Krisztián - Hungarian Academy of Sciences, Research Centre for Humanities, Institute of Archaeology
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07. Using 3D techniques to capture and process the volumetric data of megalithic constructions by using drones and 3D tablet López Garriga, Elisabet - Universitat Autònoma de Barcelona; ARCHAEOM (Presenting author)

08. What do the stones say? - 3D documentation and analysis of shepherd stone shelters in Kras, Slovenia Štuhec, Seta - Austrian Academy of Sciences, Institute for Oriental and European Archaeology; University of Ljubljana, Faculty of Arts, Department of Archaeology (Presenting author)

09. 3D recording vs tradition: a field archaeologist point of view Phd Pintucci, Alessandro - Sapienza University of Rome; Topografia Archeologica Scarl (Presenting author); Phd candidate Vecchione, Alessandro - Sapienza University of Rome; Grome

10. Potentials of a 3D approach for microwear analysis on flint artefacts Halbrucker, Éva - Ghent University (Presenting author); Fiers, Géraldine - Ghent University; Dr. De Kock, Tim - Ghent University; Messiaen, Liesbeth - Ghent University; Vandendriessche, Hans - Ghent University; Prof. Dr. Cnudde, Veerle - Ghent University; Prof. Dr. Crombé, Philippe - Ghent University

11. Gestures of the Warriors: 3D modelling of warfare artefact from the Western Europe during the last centuries BC. Dr Bertaud, Alexandre - Ausonius Institut, University Bordeaux Montaigne (Presenting author)

12. 3D, volume, and weights. Photogrammetry applied to studies of ancient weighing Poigt, Thibaud - University Toulouse Jean Jaurès; University Bordeaux Montaigne; EHEHI - Casa de Velázquez (Presenting author)

13. Worn but Not Forgotten: Digital Techniques in the Analysis of the Early Medieval Sculpture of Govan, Glasgow Kasten, Megan - University of Glasgow; Glasgow School of Art School of Simulation and Visualisation (Presenting author)

14. A 3D reference collection of wheel-fashioned pottery MA Opgenhaffen, Loes - University of Amsterdam (Presenting author)

15. 3D imaging, virtual and augmented reality technology: Opening New Interpretational Avenues for archaeological artifacts. Assist.Prof.Dr. Bozia, Eleni - University of Florida (Presenting author); Ass. Prof. Dr. Barmpoutis, Angelos - University of Florida

POSTERS

Three dimensions in a tropical forest. The colonial plantation La Caroline in French Guyana Mackiewicz, Maksym - Institute of Archaeology, University of Wrocław; Archeolodzy.org Foundation (Presenting author); Dr Duma, Pawel - Institute of Archaeology, University of Wrocław; Dr Payraud, Nicolas - Direction des affaires culturelles de Guyane; Hałuszko, Agata - Institute of Archaeology, University of Wrocław; Archeolodzy.org Foundation

Three-dimensional reconstructions from aerial photographs of the megalithic tumulus of Campa San Juan Dolmen (Asturias, Spain). Mr. Busto Zapico, Miguel - PhD Student. Ficyt Foundation. Department of Art. University of Oviedo; Dr Rodríguez del Cueto, Fernando - Assistant Lecturer. Department of History. Area of Prehistory. University of Oviedo (Presenting author)
SMALL THINGS DO MATTER. DETECTING THE MEDIEVAL PERIOD THROUGH ARCHAEOLOGICAL FINDS MADE BY THE PUBLIC

Theme: 6. Interpreting the archaeological record
Room: 1.12
Date: Friday, September 1
Time: 8:30 - 12:45
Organiser: Lewis, Michael (United Kingdom) - British Museum; Deckers, Pieterjan (Belgium) - Vrije Universiteit Brussel; Willemsen, Annemarieke (Netherlands) - Rijksmuseum van Oudheden
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. Metal Detecting in the Marsh: the Recent Discovery of the Middle Saxon Settlement at Little Carlton, Lincolnshire, UK Dr. Willmott, Hugh - Department of Archaeology, University of Sheffield (Presenting author)

02. The impact of public finds on understanding trading and production sites in Norway Associate professor and keeper of the collections of archaeology and cultural history Maixner, Birgit - NTNU University Museum (Presenting author)

03. Reconstructing the Past: the Significance of Metal-Detector Finds for the Interpretation of Late Antique Hilltop Settlements in Slovenia Dr. Karo, Špela - Zavod za varstvo kulturne dediščine Slovenije; Narodni muzej Slovenije (Presenting author); Dr. Knific, Timotej - Narodni muzej Slovenije

04. Access granted: public finds and a trajectory approach to the demography of early medieval locks and keys von Ackermann, Megan - University of York (Presenting author)

05. From detector finds to new archaeological narratives – a case study from early medieval coastal Flanders Dr Deckers, Pieterjan - Vrije Universiteit Brussel (Presenting author)

06. Detecting equestrianism in the Central Middle Ages: new perspectives from metal-detected finds Mr Webley, Robert - University of York; British Museum (Presenting author)

07. Detecting and archaeological finds as a source to the use of symbols and fashion in 11th century Denmark Archaeologist Søvsø, Mette - Sydvestjyske Museer (Presenting author)

08. Danish scabbard chape’s of sheet-metal from 11-12th century Mr. Feveile, Claus - Sydvestjyske Museer (Presenting author)

09. Late-Medieval Bling: The meaning of metal mounts on belts and bags Dr Willemsen, Anne-marieke - National Museum of Antiquities, Leiden (NL) (Presenting author)

10. Case of fittings finds of so-called ‘lithuanian purses’ from modern Poland. Dr Sawicki, Jakub - AU - Institute of Archaeology of the Academy of Sciences of the Czech Republic (Presenting author); Dr Karpinski, Pawel - Department of Genetics, Wroclaw Medical University, ul. Marcinkowskiego 1, 50-368 Wroclaw
11. Small metal finds in PAN (Portable Antiquities of the Netherlands) Dr Kars, Mirjam - VU Amsterdam (Presenting author)

12. ‘Another man’s treasure’: Highlighting the importance of small medieval finds to research and museum collections in Scotland. Dr. Ferguson, Natasha - National Museums Scotland (Presenting author); Miss McGill, Lyndsay - National Museums Scotland

149 ARCHAEOLOGY OF EUROPEAN “GUERRILLAS”. RESISTANCES, LANDSCAPES AND MEMORIES

Theme: 5. Comparing Archaeology Across Regions and Periods
Room: 0.5
Date: Thursday, August 31
Time: 8:30 - 12:45
Organiser: Ayán Vila, Xurxo (Spain) - University of the Basque Country; Gomes Coelho, Rui (United States) - Binghampton University
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. Memory and the Material Culture of Resistance: The Materiality of Independence in Early 20th century Finland Dr. Ylimaunu, Timo - University of Oulu (Presenting author); Prof. R. Mullins, Paul - Indiana University-Purdue University Indianapolis, Indiana, USA; MA Koponen, Tuuli - University of Oulu

02. Bricks and bullet holes: Remembering and forgetting the 1916 Easter Rising in Dublin Ms Campbell, Eve - Archaeology and Built Heritage; The Archaeology of 1916 Project (Presenting author)

03. ‘Double vision’ and the landscape of resistance in the Channel Islands Dr Carr, Gillian - University of Cambridge (Presenting author)

04. War remains in Norddalen: a (great) marginal resistance to the grand narrative Figenschau, Ingar - UiT – Arctic University of Norway (Presenting author)

05. “Last morning”: Material and immaterial memories of Soviet partisan raids against Finnish civilians in Lapland in the Second World War Mr Seitsonen, Oula - University of Helsinki - University of Oulu (Presenting author); Dr Herva, Vesa-Pekka - University of Oulu

06. The invisible materialities of the Italian resistance movement during World War 2 Dr De Nardi, Sarah - Durham University (Presenting author)


08. Documentation of the Soviet Gulag camps in South Eastern Siberia and multimedia approaches in presentation of the Gulag history Mgr., Ph.D. Holata, Lukáš - Department of Archaeology, University of Exeter; Bc. Světlík, Radek - Gulag.cz, z.s. (Presenting author); Černoušek, Štěpán - Gulag.cz, z.s.
09. ‘Héroes contra a súa propia vontade; an archaeology of the Spanish guerrilla settlements in northwestern Iberia. Dr. Tejerizo-García, Carlos - Institute of Heritage Sciences (Incipit, CSIC); Dr. Ayán-Vila, Xurxo - University of the Basque Country (Presenting author)

10. The War of Cambedo, 1946. An Archaeology of Resistance in the Portuguese-Spanish Border Mr Gomes Coelho, Rui - Cultural Heritage and Preservation Studies, Rutgers University, USA (Presenting author)

11. Archaeology of the Repil battle: recovering an absent landscape. Dr Vila, Xurxo - University of the Basque Country (Presenting author)

12. Moluccan resistance in the Netherlands: archaeology of guerrilla, protest or terrorism? MSc Wijnen, Jobbe - Wijnen Cultuurhistorisch Onderzoek (Presenting author)

13. Archaeology of Greek Civil War. The case of the caves of Western Macedonia Mr Kontos, Michalis - Greek Ministry of Culture; Mrs Karadimou, Agni - Greek Ministry of Culture (Presenting author)

14. Welcome to the jungle? Guerrilla imaginaries and landscape fictions in Basque Conflict’s self-representations Santamarina-Otaola, Josu - University of the Basque Country (UPV-EHU) (Presenting author)

150 ISLAND NETWORKS. ANALYTICAL AND CONCEPTUAL ADVANCES IN THE ARCHAEOLOGICAL STUDY OF INTRA- AND INTER-ISLAND RELATIONSHIPS

Theme: 5. Comparing Archaeology Across Regions and Periods
Room: 1.15
Date: Saturday, September 2
Time: 8:30 - 15:15
Organiser: Laffoon, Jason (Netherlands) - Leiden University; Free University Amsterdam; Borck, Lewis (United States) - Archaeology Southwest; University of Arizona
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. Island networks: transformations of inter-community social relationships in the Lesser Antilles across the historical divide Professor Dr Hofman, Corinne - Leiden University (Presenting author); Dr Laffoon, Jason - Leiden University; Dr Borck, Lewis - University of Arizona; Dr Scott, Rebecca - Leiden University; Breukel, Tom - Leiden University; Slayton, Emma - Leiden University; Dr Hoogland, Menno - Leiden University

02. Indigenous movements and social transformations in the Lesser Antilles (post-1492) Dr. Mans, Jimmy - Leiden University (Presenting author); Dr. Borck, Lewis - Leiden University

03. Networks engraved on bone: decorated artefacts and social relationships within/between the archipelago of Tierra del Fuego and continental Patagonia Dr Fiore, Danae - CONICET (Presenting author)
04. Least Cost Analysis of Early Movement Events through the Dundas Islands, British Columbia  
Mr. Gustas, Robert - Alberta Archaeological Survey (Presenting author)

05. The centralization and hierarchisation of inter-communal relations constituted by island topography: the case of Japan  
Professor Mizoguchi, Koji - Kyushu University (Presenting author)

06. Futuna and the Dutch in 1616: consequences of first contact with Lemaire and Schouten for Western Polynesian culture history  
Dr SAND, Christophe - IANCP (Presenting author)

07. First encounters in Oceania and their consequences (16th-17th centuries)  
Dr Cruz Berrocal, Maria - Zukunftskolleg/Dept. of History and Sociology; Professor Dr. Sand, Christophe - Institute of Archaeology of New Caledonia and the Pacific (IANCP) (Presenting author)

08. Interactions and trajectories of island societies in southern Vanuatu  
Dr valentin, frederique - CNRS (Presenting author); Dr Bedford, Stuart - ANU; Dr Flexner, James - University of Sydney; Richard, Shing - VKS; Kuautonga, Takaronga - TKS; Elena, Denise - TKS; William, Robert - University of Sydney; Zinger, Wanda - MNHN

09. Island-Mainland Networks on the Sepik coast of northern Papua New Guinea  
Dr. Golitko, Mark - University of Notre Dame (Presenting author)

10. Mid-Holocene abandonment of Barrow Island, Northern Carnarvon Bioregion, North-West Western Australia  
Ms Hook, Fiona - University of Western Australia (Presenting author)

11. Mosques in a Coral Sea: analytical approaches to Heritage Management in the Maldives  
Professor Emeritus Sinclair, Paul - Uppsala Univesity (Presenting author)

12. The Antecedents of 'Barbarian' Ware found in the Anchorage of Tell abu Hawam  
Prof. Artzy, Michal - University of Haifa; Institute for Maritime Studies (Presenting author); Mr. Martin, Jose - University of Haifa; Universidad Pompeu Fabra

13. Points of Contact: Rhodes and Chalki in the fifth century BC  
Mr Salmon, Nicholas - Birkbeck College, University of London; British Museum (Presenting author)

Dr Dawson, Helen - Freie Universität Berlin (Presenting author)

15. Connectivity or isolation? The Balearic Islands during the Middle and Late Bronze Age (ca. 1600-900/850 BC) from a zooarchaeological perspective  
Ms Valenzuela-Suau, Lua - Pre-doctoral fellow, ArqueoUIB research group, University of the Balearic Islands (Presenting author); Dr Valenzuela-Lamas, Sílvia - CSIC Institució Milà i Fontanals, C/Egipcíiques, 15 Barcelona (08001)

Mr. Palsson, Gisli - Umeå University (Presenting author)

17. Linking International and Interdisciplinary Data to Enable Synthesis Research in the North Atlantic: The dataARC Project  
Dr. Strawhacker, Colleen - University of Colorado (Presenting author); Dr. Opitz, Rachel - University of South Florida; Mr. Brin, Adam - Digital Antiquity, Arizona State University; Dr. Buckland, Philip - Umea University; Mr. Palsson, Gisli - Umea University; Mr. Dawson, Thomas - St. Andrews University; Dr. Mainland, Ingrid - University of Highlands and Islands; Dr. Newton, Anthony - University of Edinburgh; Dr. Streeter, Richard - St. Andrews University; Dr. Cothren, Jackson
The ‘Green Carpet’

An integrated plan for the A2 Motorway through Maastricht

The A2 Maastricht project aims at the realisation of an integrated and sustainable plan for the city and the motorway. The plan will make Maastricht and its surroundings much more accessible and will greatly improve traffic flows. By improving traffic safety and the quality of life in Maastricht East, the project will also create new opportunities for developing the surrounding districts. The project involves an investment of approximately one billion euros, 850 million of which are being provided by the public sector. The project organisation was set up in 2003 and proudly opened the dual-layered motorway tunnel in December 2016.

Intensive archaeological research preceded the construction process, the results of which significantly increased our knowledge of the Maastricht past. To inform the public, archaeological finds were continuously on display at the A2Maastricht information centre.

www.a2maastricht.nl
NOVEL SCIENTIFIC DEVELOPMENTS IN THE RECONSTRUCTION OF THE ARCHAEOLOGY OF MINING AND METALLURGY AND ITS IMPACT ON THE ENVIRONMENT

Theme: 6. Interpreting the archaeological record
Room: 1.09
Date: Saturday, September 2
Time: 10:00 - 12:45
Organiser: Mighall, Tim (United Kingdom) - University of Aberdeen; Oeggl, Klaus (Austria) - University of Innsbruck; Martinez Cortizas, Antonio (Spain) - University of Santiago de Compostela
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. Linking metal hoarding practices and palaeopollution records in Atlantic European prehistory
   Dr Armada, Xose-Lois - Institute of Heritage Sciences (Incipit), Spanish National Research Council (CSIC) (Presenting author); Prof Martinez-Cortizas, Antonio - Departamento de Edafología y Química Agrícola, University of Santiago de Compostela; Dr Lopez-Merino, Lourdes - Institute of Environment, Health and Societies, Brunel University London; Prof Martinon-Torres, Marcos - UCL Institute of Archaeology; Dr Mighall, Tim - The School of Geosciences, University of Aberdeen; Dr Montero-Ruiz, Ignacio - Institute of History, Spanish National Research Council (CSIC); Dr Silva-Sanchez, Noemi - Departamento de Edafología y Química Agrícola, University of Santiago de Compostela

02. Medieval mining activities and their impact on the landscape in the Erzgebirge area (Saxony and Bohemia)
   Dr Tolksdorf, Johann Friedrich - Landesamt für Archäologie Sachsen / Archaeological State Heritage Office in Saxony; ArchaeoMontan research group (Presenting author); Dr. Hemker, Christiane - Landesamt für Archäologie Sachsen / Archaeological State Heritage Office in Saxony; ArchaeoMontan research group

03. When past human activities impact present-day environment: tracking geochemical anomalies from ancient mines in the Northern French Alps.
   Dr CAMIZULI, Estelle - EDYTEM – UMR 5204 CNRS, Université Savoie Mont Blanc (France); ARSCAN – UMR 7041 CNRS, Universités Paris-Lumières et Paris-Sorbonne (France) (Presenting author); Dr. ROSSI, Magali - EDYTEM – UMR 5204 CNRS, Université Savoie Mont Blanc (France); Prof. GASQUET, Dominique - EDYTEM – UMR 5204 CNRS, Université Savoie Mont Blanc (France)
04. Assessing the significance of vegetation changes associated with early mining and metallurgy using changepoint analysis Dr. Mighall, Tim - University of Aberdeen (Presenting author); Dr Timberlake, Simon - University of Cambridge; Prof Martinez Cortizas, Antonio - University of Santiago de Compostela; Dr Silva Sanchez, Noemi - University of Santiago de Compostela

05. Mercury mining in Idrija, Slovenia: mercury smelting techniques at the beginning of the early modern period Dr. Kawashima, Takamune - Yamaguchi University; Prof. J. Hudson, Mark - Mt. Fuji World Heritage Centre for Mountain Research (Presenting author); Mr. Rupnik, Janez - Avgusta d.o.o.

06. Signals of mining/metallurgy in archaeological bone PhD Lopez Costas, Olalla - Ciencia do Sistema Terra - Universidade de Santiago de Compostela; Archaeological Research Laboratory, Stockholm University; Laboratorio de Antropología, Departamento de Medicina Legal, Toxicología y Antropología Física, Universidad de Granada; Prof Martinez Cortizas, Antonio - Ciencia do Sistema Terra - Universidade de Santiago de Compostela (Presenting author); Ms Pérez Rodríguez, Marta - Ciencia do Sistema Terra - Universidade de Santiago de Compostela

155 THE INTERACTION BETWEEN FORENSIC ARCHAEOLOGY AND BIOARCHAEOLOGY

Theme: 4. The ‘Third Science Revolution’ in Archaeology
Room: 1.11
Date: Thursday, August 31
Time: 8:30 - 11:15
Organiser: Groen, Mike (Netherlands) - Netherlands Forensic Institute; Leiden University, Faculty of Archaeology; Barone, Pier Matteo (Italy) - The American University of Rome; Shvedchikova, Tatyana (Russia) - Institute of Archaeology of Russian Academy of Sciences
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. Crime in prehistory. Forensic analysis of Copper Age mass grave from Croatia Dr Novak, Mario - Institute for Anthropological Research (Presenting author); Dr Jankovic, Ivor - Institute for Anthropological Research; Dr Balen, Jacqueline - Archaeological Museum in Zagreb; Dr Ahern, James - University of Wyoming; Dr Premuzic, Zrinka - Institute for Anthropological Research; Dr Cavka, Mislav - University Hospital Dubrava; Dr Potrebica, Hrvoje - University of Zagreb

02. Bronze Age children burials: bioarchaeological case study from the Southern Trans-Urals Dr Sharapova, Svetlana - Institute of History and Archaeology Ural Branch of RAS (Presenting author); Loyer, Jeanna - Archaeology & Palaeoecology School of Natural and Built Environment Queen's University Belfast Belfast, BT7 1NN Northern Ireland, UK

04. Insects as Silent Witnesses to Past Warfare: Forensic Entomology and the Investigation of a Conflict Scene at Nunalleq, Southwestern Alaska Forbes, Veronique - Université de Bordeaux
05. **Improving geolocation with finds of fungal spores and other non-pollen palynomorphs**

Enevold, Renée - Aarhus University; Moesgaard Museum (Presenting author)

06. **Bodies and Burials: different contexts same techniques.**

Professor Barone, Pier Matteo - The American University of Rome (Presenting author)

07. **Taphonomic observations of buried human remains in recent clandestine and cemetery graves in the Netherlands**

MA BEng de Leeuwe, Roosje - Netherlands Forensic Institute (Presenting author)

08. **The Interaction between Forensic Archaeology and Bioarchaeology in Switzerland**

Dr. Lösch, Sandra - Institute of Forensic Medicine, University of Bern, Switzerland (Presenting author); Prof. Hafner, Albert - Institute of Archaeological Science, University of Bern, Switzerland; Prof. Jackowski, Christian - Institute of Forensic Medicine, University of Bern, Switzerland

09. **Forensic archaeology in Russia: setting up a discipline**

Dr. Shvedchikova, Tatiana - Institute of Archaeology Russian Academy of Sciences (Presenting author)

10. **Autofluorescence of skeletal human remains: a new dating technique?**

Groen, Mike - NFI; Leiden University (Presenting author)

**POSTERS**

Scull with trepanation of the era of the Great Migration of peoples from the Perm Urals

Bryukhova, Natalia - Perm Scientific Center, the Ural Branch of the Russian Academy of Sciences (Presenting author)

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**156 RECORDING SCHEMES FOR ARTEFACTS FOUND BY PRIVATE PERSONS. APPROACHES, OPPORTUNITIES AND CHALLENGES**

**Theme:** 3. Trans- and Metadisciplinary Approaches in Archaeology

**Room:** 1.12

**Date:** Friday, September 1

**Time:** 14:00 - 16:45

**Organiser:** Heeren, Stijn (Netherlands) - Vrije Universiteit Amsterdam; Wigg-Wolf, David (Germany) - Deutsches Archäologisches Institut, Frankfurt; Roymans, Nico (Netherlands) - Vrije Universiteit Amsterdam

**Format:** Session, made up of a combination of papers, max. 15 minutes each

**ABSTRACTS**

01. **The Rhineland approach to recording artefacts found by private persons**

Dr. Brüggler, Marion - LVR-Amt für Bodendenkmalpflege (Presenting author)

02. **Academic archaeology and artefacts found by private persons in South Moravia, Czech Republic - a case study**

PhD Komoróczy, Balázs - Institut of Archaeology of the Czech Academy of Sciences
159 TRANSITIONS IN PREHISTORY. INSTANCES AND CONSEQUENCES OF THESE EVENTS RESULTING FROM CLIMATE, MIGRATIONS, NEW TECHNOLOGIES AND OTHER CAUSES

Theme: 6. Interpreting the archaeological record
Room: 0.9
Date: Friday, September 1
Time: 8:30 - 15:15
Organiser: Templer, Michael (Switzerland) - Neuchâtel University; Polcaro, Andrea (Italy) - Università degli Studi di Perugia; Suderi, Alberto (Italy) - National Vice President of the Italian Archaeological Groups
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. From the caves to the dolmens: shaping the Landscape through funerary ideology, the Transjordan Highlands at the end of Prehistory Dr Polcaro, Andrea - Perugia University (Presenting author)

02. From the Plain to the Hill: shifts of the settlements in the Zarqa Region (Jordan) during the 4th millennium BC. Caselli, Alessandra - La Sapienza University of Rome (Presenting author)

03. Late Chalcolithic to Early Bronze Age Cyprus: From Unilinear to Multilinear Socio-Cultural Change Dr. Charalambos, Paraskeva - Postdoctoral Researcher, Department of History and Archaeology, University of Cyprus (Presenting author)

04. An Age of Transition: Ceramic innovations and Social Changes in the Mirabello Gulf during the Middle Minoan Period Mr Doudalis, Georgios - Ruprecht-Karls-Universität Heidelberg (Presenting author)
05. The Great Transition – From Predator to Exploiter Dr Templer, Michael - Neuchâtel University (Presenting author)

06. Flint assemblages in the context of cultural transition during VI mill. BC: a case study from Bulgaria Dr Gurova, Maria - National Institute of Archaeology with Museum (Presenting author)

07. A possible solar calendar from the Sicilian Copper Age-Early Bronze Age Dr. Polcaro, V. Francesco - INAF; Astronomy and Cultural Heritage Centre, Ferrara University (Presenting author); Prof Scuderi, Alberto - Archaeological Groups of Italy (National Vice-president); Prof Maurici, Ferdinando - Regional Archaeological Superintendence of Sicily

08. Reflections on the Early to Late Mesolithic transition based on the Cuzoul de Gramat site (south-west of France). PhD. Student Constans, Guilhem - University of Toulouse 2 Jean-Jaurès, TRACES UMR5608 (Presenting author); Prof Valdeyron, Nicolas - University of Toulouse 2 Jean-Jaurès, TRACES UMR5608; PhD. Student Sam, Bori - University of Toulouse 2 Jean-Jaurès, TRACES UMR5608

09. The Chalcolithic–Bronze Age transition in southern Iberia under the influence of the 4.2 kyr event (?) Hinz, Martin - Institut für Ur- und Frühgeschichte, CAU Kiel (Presenting author); Kneisel, Jutta - Institut für Ur- und Frühgeschichte, CAU Kiel; Weinelt, Mara - Institut für Ur- und Frühgeschichte, CAU Kiel

11. Forest-steppe transitions and peopling of the landscapes of the Mid-Volga region in the 1st millennium AD Ponomarenko, Elena - Kazan’ Federal University, Russia; University of Ottawa, Canada (Presenting author); Vyazov, Leonid - Kazan’ Federal University, Russia; Institute of Archaeology of Tatarstan; Ershova, Ekaterina - Department of Biology, Moscow Lomonossov University, Russia; Blinnikov, Mikhail - School of Global Studies, St. Cloud University, USA; Kochkina, Anna - Samara Museum of Regional Studies named after P.V. Alabin, Russia; Stashenkov, Dmitri - Samara Museum of Regional Studies named after P.V. Alabin, Russia; Prof. Sitdikov, Ayrat - Kazan’ Federal University, Tatarstan, Russia

12. Mechanisms of technological change in the Early- to Middle Mesolithic (c. 8500-8000 cal. BC) transition of Northern Europe. Mrs. Eymundsson, Carine - University of Oslo (Presenting author)

13. Modes of change. Exploring demographic and technological transitions in Mesolithic Southern Norway. Dr. Solheim, Steinar - Museum of Cultural History University of Oslo (Presenting author); Dr. Damlien, Hege - Museum of Cultural History University of Oslo

14. Economic Archaeology – the Way to Understand the Evolution of Once-living People. The Case of the Eastern Baltic Region PhD student Zilinskaite, Agne - Vilnius University (Presenting author)

15. Climate change or a new “god”? The results of archaeobotanical analyses from the Early Bronze Age sites in Poland (current PhD. Student) Kofel, Dominika - Institute of Archaeology and Ethnology Polish Academy of Sciences (Presenting author)

16. New technologies and transformations in the European Bronze Age: Naue II swords and mobile warriors Dr Suchowska, Paulina - Adam Mickiewicz University in Poznan (Presenting author)

17. Catastrophic events and cultural change in Holocene hunter-gatherers from the hyperarid Atacama coast, northern Chile. Salazar, Diego - Universidad de Chile (Presenting author); Vargas, Gabriel - Universidad de Chile; Guendón, Jean Louis - CNRS; Goff, James - University of New South Wales
**Wiley Archaeology**

**First Islanders:**
**Prehistory and Human Migration in Island Southeast Asia**

*Peter Bellwood*

“In *First Islanders*, Peter Bellwood – without doubt the leading authority on the archaeology and prehistory of Island Southeast Asia – offers up an engaging synthesis of the grand sweep of human history in this island world, from the arrival of early hominins one million years ago, through the development of agriculture and the Austronesian expansion, up to the early Metal Age”

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Transitions in ancient fishing communities, Atacama Desert (Chile). Fishing tools on C. chorus mussel shell (8000 to 4500 years BP) Dr Flores-Fernandez, Carola - Center for Advanced Studies in Arid Zones (CEAZA). Chile (Presenting author); Ms Olguin, Laura - PhD Program, Universidad Católica del Norte, Chile.; Prof Salazar, Diego - Universidad de Chile, Chile

Adaptation of taiga migrants among local forest-steppe population in the Western part of Western Siberia. Ms Tsembalyuk, Svetlana - Institute of the problems of Northern development, SB RAS (Presenting author)

Causes and consequences of transition from the Mesolithic to Neolithic and Eneolithic in the Povolzhye Professor Dr Vybornov, Alexander - Samara State University of Social Sciences and Education (Presenting author)

Technological revolution in the Przeworsk Culture in the Younger Roman Period. Analysis of the material culture from the transition period. M.A. Okońska, Magdalena - Jagiellonian University; MA Bulas, Jan - Jagiellonian University (Presenting author)

DO YOU SEE WHAT I SEE? THEORETICAL APPROACHES TO UNDERSTANDING ANCIENT WORLDVIEWS

Theme: 6. Interpreting the archaeological record
Room: 0.3
Date: Friday, September 1
Time: 8:30 - 12:45
Organiser: Morrison, Wendy (United Kingdom) - University of Oxford; Tighe, John (Ireland) - Trinity College, Dublin
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. If you like it, you should put a ring around it: enclosures and anxieties in Iron Age Southern Britain Dr Morrison, Wendy - University of Oxford (Presenting author)

02. Expressive lines and circular practice: architectural design in later prehistoric Scotland Dr Romankiewicz, Tanja - University of Edinburgh (Presenting author)

03. Can we trace ontology from postholes? A view from Scandinavia’s later prehistory Eriksen, Marianne Hem - McDonald Institute for Archaeological Research, University of Cambridge; Dept. of Archaeology, Conservation and History, University of Oslo (Presenting author)

04. Animals in Mesolithic and Neolithic worldviews. Possible challenges to the dichotomies. Dr. Pasaric, Maja - University College Dublin (Presenting author)

05. Birds and Beasts in Context: European Celtic Art objects as evidence for Iron Age worldviews Dr Chittock, Helen - University of Oxford (Presenting author)
06. Characteristic of a cultural-historical commonality worldview based on stylistic analysis of its art. Ph.D Viktorovna Zhilina, Natalia - Institute of Archaeology Russian Academy of Sciences (Presenting author); Ph.D Mikhailovich Zhilin, Alexander - State Historical museum (Moscow)

07. How to tell a story without words – the structure of bronze age metal artefacts PhD Gralak, Tomasz - Uniwersytet Wrocławski (Presenting author)

08. Do we see what they saw? Analysing style and its social meaning in the decorated ceramics of Castelluccio (Sicily, EBA) Dr Copat, Valentina - Sovrintendenza Capitolina ai Beni Culturali; Dr Costa, Annalisa - Università di Trento; Dr Piccione, Paola - Sapienza Università, Rome (Presenting author)

09. “Everyday life”– a structured social practice reflected in archaeological assemblages Olsen, Dag Erik - University of Bergen (Presenting author)

10. Writing, image and individualization: a view from Minoan Crete (current PhD. Student) RAMIREZ VALIENTE, PAZ - University Complutense of Madrid; University of Nottingham (Presenting author)

11. Timing is Everything: – the structure of Neolithic-Bronze Age calendars in the British Isles, a theoretical framework Dr. McVeigh, Thor - NUI Galway (Presenting author)

12. Searching for religiosity in the venue of religious ceremonies: the case of the Roman soldier Dziurdzik, Tomasz - Institute of Archaeology, University of Warsaw (Presenting author)

13. The relation between man and river dynamics from a flooding perspective in the Upper Rhine Valley Conijn, Arjan - University of Heidelberg (Presenting author)


163 IN SITU PRESERVATION AT A TIME OF CHANGING CLIMATE
Theme: 2. The Valletta Convention: the next 25 years
Room: 2.9
Date: Thursday, August 31
Time: 14:00 - 18:15
Organiser: Martens, Vibeke Vandrup (Norway) - NIKU - Norwegian Institute for Cultural Heritage Research; McGovern, Thomas (United States) - Hunter College CUNY; Dawson, Tom (United Kingdom) - University of St Andrews
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS
01. session introduction PhD Martens, Vibeke Vandrup - NIKU - Norwegian Institute for Cultural Heritage Research (Presenting author)
02. **STORM: Safeguarding Cultural Heritage through Technical and Organisational Resources Management**  
Dr Williamson, Rob - Mellor Archaeological Trust; Mr Thompson, Adam - University of Salford (Presenting author)

03. **The CHERISH (Climate, Heritage and Environments of Reefs, Islands and Headlands) Project**  
Mr Corns, Anthony - The Discovery Programme (Presenting author); Mr Shaw, Robert - The Discovery Programme; Mr Devlin, Gary - The Discovery Programme; Dr Driver, Toby - Royal Commission on the Ancient and Historical Monuments of Wales; Ms Barker, Louise - Royal Commission on the Ancient and Historical Monuments of Wales; Dr Davies, Sarah - Department of Geography and Earth Sciences, Aberystwyth University; Mr Cullen, Sean - Geological Survey Ireland; Mr Jordan, Cathal - Geological Survey Ireland

04. **In situ preservation in a changing climate on the Historic Environment Scotland Estate.**  
Dr. Davies, Mairi - HES Historic Environment Scotland (Presenting author); Dr Hyslop, Ewan - HES Historic Environment Scotland

05. **Climate change in the Arctic: heritage management strategies at the archipelago of Svalbard**  
Flyen, Anne-Cathrine - NIKU - Norwegian Institute for Cultural Heritage Research (Presenting author)

06. **Melting Middens in Greenland**  
Doctor/Phd McGovern, Thomas - Hunter College and Graduate Center CUNY (Presenting author)

07. **Session discussion**  
Dawson, Tom - School of History, University of St Andrew (Presenting author)

08. **Scotland’s Coastal Heritage at Risk**  
Archaeologist Dawson, Tom - University of St Andrews (Presenting author); Graham, Elinor - SCAPE Trust

10. **How to incorporate climate change in the archaeological risk assessment**  
Vorenhout, Michel - IBED, University of Amsterdam; MVH Consult (Presenting author)

11. **The fine art of prioritizing**  
Mrs Dalen, Elin - Riksantikvaren/Directorate for Cultural Heritage; Mrs Johansen, Kristine - Riksantikvaren/Directorate for Cultural Heritage (Presenting author)

13. **Mitigating Climate Change Impacts on Heritage Sites?**  
PhD Vandrup Martens, Vibeke - NIKU - Norwegian Institute for Cultural Heritage Research (Presenting author)

14. **closing remarks, session discussion**  
Professor McGovern, Tom - Zooarchaeology Laboratory Anthropology Dept. Hunter College CUNY (Presenting author)

**POSTERS**

**Monitoring Heritage in the Coastal Zone of Ireland. Case Study: Skellig Michael**  
Mr Corns, Anthony - The Discovery Programme (Presenting author); Mr Shaw, Robert - The Discovery Programme; Mr Devlin, Gary - The Discovery Programme

**Inter-disciplinary approaches towards protecting in situ wetland archaeology in a changing world**  
Dr High, Kirsty - University of York (Presenting author); Dr Penkman, Kirsty - University of York; Mr Panter, Ian - York Archaeological Trust; Dr Williams, Jim - Historic England
164 ARCHAEOLOGY WITHOUT BORDERS. FREEDOM OF THINKING, FREEDOM OF MOVEMENT – A JOINT EAA-CIFA ROUND TABLE AND DISCUSSION

Theme: 1. Twenty-five Years after Maastricht: Archaeology and Europe's future
Room: 2.10
Date: Friday, September 1
Time: 14:00 - 16:45
Organiser: Wait, Gerry (United Kingdom) - Nexus Heritage/CIfA; Chartered Institute for Archaeologists; Almansa, Jaime (Spain) - JAS Arqueología; Fernandez-Gotz, Manuel (Spain) - EAA Board; University of Edinburgh; Hueglin, Sophie (Switzerland) - UNESCO World Heritage Claustra Son Jon
Format: Round table

ABSTRACTS
01. Freedom to move Mr Hinton, Peter - Chartered Institute for Archaeologists (Presenting author)

165 BURIALS AS COMPLEX FEATURES. EXPLORING NEW APPROACHES TO DEATH AND BURIAL IN ARCHAEOLOGY

Theme: 6. Interpreting the archaeological record
Room: 0.11
Date: Thursday, August 31
Time: 8:30 - 15:15
Organiser: Fahlander, Fredrik (Sweden) - Stockholm University; Klevnäs, Alison (Sweden) - Stockholm University; Rebay-Salisbury, Katharina (Austria) - Institut für Orientalische und Europäische Archäologie
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS
01. Grave contexts and contexts of graves Dr Rebay-Salisbury, Katharina - Austrian Academy of Sciences (Presenting author); Dr Salisbury, Roderick B. - Austrian Academy of Sciences; University of Vienna
02. The death and resurrection of burials Dr Anthony, Sian - Lund University (Presenting author)
03. Looking through the archives of buried lives. A multitemporal dialogue with the dead. Dr. Nilsson Stutz, Liv - Emory University (Presenting author); Dr Peyroteo Stjerna, Rita - Uppsala University; Dr Torv, Mari - University of Tartu
04. Wonders from scratch: an integrated approach to mortuary practices at Ribe's oldest cemetery Dr Croix, Sarah - Aarhus University (Presenting author)
05. Last Things. A narratological perspective on human-thing entanglements Dr. Hofmann, Kerstin P. - Romano-Germanic Commission (RGK), German Archaeological Institute (Presenting author)

06. Unwanted graves: a discussion on research perspectives of the ‘Lusatian’ urnfields in Poland Dr. Hab. Baron, Justyna - Wrocław University (Presenting author); PhD. Eng. Garbacz-Kлемпka, Aldona - AGH University of Science and Technology in Kraków; MA Hałuszko, Agata - University of Wrocław; PhD Łaciak, Dagmara - Poznań University; PhD. Eng. Miazga, Beata - Wrocław University; MA Nowak, Kamil - Wrocław University; PhD Sady, Agata - Silesian Museum in Katowice; PhD Stolarczyk, Tomasz - Copper Museum in Legnica; PhD Sych, Dawid - Wrocław University

07. Sealed fates: A posthumanist approach to human- and seal deaths in the cave Stora Förvar Lindström, Tobias - Uppsala University (Presenting author)

08. Until We Meet Again... Late Bronze Age cremation graves as a complex source of archaeological information Doc. Hajnalová, Mária - Constantine the Philosopher University Nitra (Presenting author); Dr. Parma, David - UAPP Brno v.v.i.; Mgr. Bišková, Jarmila - Masaryk University Brno; MUDr. Kala, Jiří - UAPP Brno v.v.i.

09. Partible Personhood: A Relational Approach to Neolithic Mortuary Ritual Dr Fagan, Anna - University of Melbourne (Presenting author)

10. Deposited infants as animate objects in Iron-Age Scandinavia Eriksen, Marianne Hem - McDonald Institute for Archaeological Research, University of Cambridge; Dept. of Archaeology, Conservation and History, University of Oslo (Presenting author)

11. Dead and buried? Patterns of bone degradation at microscopic scale reveal variation in Neolithic funerary treatments in Falbygden, southwestern Sweden Dr Hollund, Hege - University of Stavanger (Presenting author); Blank, Malou - University of Gothenburg; Dr. Sjögren, Karl-Göran - University of Gothenburg

12. The life cycle theory in studying of human osteobiography. A case from the Neolithic Çatalhöyük Ms Harabasz, Katarzyna - UAM Poznań (Presenting author)

13. The Dead and their Possessions: the Agency of the Cadaver in Early Medieval Europe Miss Brownlee, Emma - University of Cambridge (Presenting author)

14. Analysis of secondary mortuary practices in the Early Bronze Age inhumation burials from North-western Hungary Melis, Eszter - HAS RCH Institute of Archaeology (Presenting author); Dr. Hajdu, Tamás - Department of Biological Anthropology, Eötvös University

15. Hallstatt burial customs from the archaeobotanical perspective – necropolis at Kaptol-Gradci (Croatia) Assistant Professor Dr Šoštarić, Renata - University of Zagreb, Faculty of Science; Prof Dr Potrebica, Hrvoje - University of Zagreb, Faculty of Humanities and Social Sciences (Presenting author)

16. Secrets Stashed in Dental Impacta and Burial Samples: Best Practices Dr. Scott Cummings, Linda - PaleoResearch Institute (Presenting author); Mr. Varney, R. A. - PaleoResearch Institute; Dr. Levin, Martin - Bethesda-Chev Chase Root Canal Specialists; Dr. Cohen, Joshua - Virginia Commonwealth University; Mr. Lavin, Michael - Jamestown Rediscovery; Ms. May, Jamie - Jamestown Rediscovery;
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18. **Bronze age cremation burial beyond the shadow of the urn** Mr Kalafatić, Hrvoje - Institute of Archaeology (Presenting author); Dr. Čavka, Mislav - University hospital Dubrava

19. **Re-united in a grave, the surprising story of three individuals buried at a Merovingian Cemetery from Borgharen near Maastricht.** Dr. Panhuysen, Raphaël - ACASA, Amsterdam University, The Netherlands (Presenting author); Drs. Altena, Eveline - Leiden University Medical Center, The Netherlands; Dr. Lauwerier, Roel - Cultural Heritage Agency, The Netherlands

**POSTERS**

Food for the deceased – Animal remains from the cemetery in Lent (Nijmegen), the Netherlands

MA van der Jagt, Inge - Cultural Heritage Agency of the Netherlands (Presenting author)

An anti-vampire burials inside walls of the St. Nicolaus church in Gniew (Pomorskie voivodeship, Poland)? - looking for answers

Mr Nowak, Marcin - Nicolaus Copernicus University in Toruń (Presenting author)

**166 AUTOMATION IN ARTEFACT RECOGNITION. PERSPECTIVES AND CHALLENGES IN ARCHAEOLOGICAL PRACTICE**

Theme: 6. Interpreting the archaeological record

Room: 2.8

Date: Thursday, August 31

Time: 8:30 - 9:45

Organiser: Wright, Holly (United Kingdom) - University of York; Gattiglia, Gabriele (Italy) - University of Pisa

Format: Session, made up of a combination of papers, max. 15 minutes each

**ABSTRACTS**

01. “What is essential, is invisible to the eye” Near Infrared imaging and chemometrics for classification of stone materials. Sciuto, Claudia - Umea University (Presenting author)

02. Mining Paper Catalogues: a multilingual solution to reduce verbose fields to consistent terminologies

Mr Kußmaul, Felix - University of Cologne (Presenting author); Dr Evans, Tim - University of York

03. Extracting geometric features and 3D representations of pottery from paper catalogues drawings

Dellepiane, Matteo - ISTI-CNR (Presenting author); Itkin, Barak - Tel Aviv University; Banerle, Francesco - ISTI-CNR; Wolf, Lior - Tel Aviv University; Callieri, Marco - ISTI-CNR; Dershowitz, Nachum - Tel Aviv University; Scopigno, Roberto - ISTI-CNR

04. Application of 3D morphing algorithms to facilitate style attribution of archaeological artefacts

Dr. Jiménez-Badillo, Diego - Instituto Nacional de Antropología e Historia (INAH. México); Red
172 IMAGINED AUTHORITY: ARCHAEOLOGISTS AND THE MYTH OF POWER

Theme:  I. Twenty-five Years after Maastricht: Archaeology and Europe's future
Room:  1.10
Date:  Saturday, September 2
Time:  8:30 - 12:45
Organiser:  Trelka, Malgorzata (United Kingdom) - PhD Candidate; Howard, Sarah (United Kingdom) - PhD candidate Ironbridge International Institute for Cultural Heritage University of Birmingham, UK; Heritage at Risk Archaeologist Historic England, North West region; Beaulieu, Kiara (Canada) - PhD Candidate University of Birmingham, UK Department of Classics, Ancient History and Archaeology
Format:  Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. Negotiating power dynamics in archaeological heritage management (current PhD. Student)
    Howard, Sarah - University of Birmingham (Presenting author)

02. Outstanding Universal Value and Local Communities
    Miss Trelka, Malgorzata - University of Birmingham (Presenting author)

03. What's the preferred image of the past?
    Dr van den Dries, Monique - Faculty of Archaeology, Leiden University; Drs. Schreurs, Jose - State Agency for Cultural Heritage (Presenting author)

04. Authority and subject (in the archaeological discourse in Austria and Germany)
    Professor Dr Karl, Raimund - School of History, Welsh History and Archaeology (Presenting author)

05. Development Offers Power and Authority to Archaeologists: Do They Use It?
    Ms. Fleming, Arlene - The World Bank (Presenting author)

06. Playing Tug o’ War; Metal Detecting Groups, Archaeologists and the Perception of Authority
    Beaulieu, Kiara - University of Birmingham (Presenting author)

07. The Balance of Power: Who Should tell the Stories of Industry?
    Raine, Joe - Ironbridge International Institute for Cultural Heritage (Presenting author)

08. The authority of archaeological knowledge in Romania
    Dr Niculescu, Gheorghe Alexandru - Institutul de Arheologie \ (Presenting author)

09. Who is who in Romanian archaeology?
    Curator, Dr. Coltofean, Laura - Brukenthal National Museum, Sibiu, Romania (Presenting author)
10. The Vampire Strikes Back: Deviant Burial Finds between Media and Academia Mr Parvanov, Petar - Central European University (Presenting author)

174 MANAGEMENT ARCHAEOLOGY IN HIGHLY DYNAMIC URBAN CENTRES

Theme: 2. The Valletta Convention: the next 25 years
Room: 2.9
Date: Saturday, September 2
Time: 10:00 - 12:45
Organiser: Bouwmeester, Jeroen (Netherlands) - Cultural Heritage Agency of the Netherlands; Belford, Paul (United Kingdom) - Clwyd-Powys Archaeological Trust
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. Introduction to the session ‘Managing archaeology in highly dynamic urban centres’ Doctorandus (Drs.) Bouwmeester, Jeroen - Cultural Heritage Agency of the Netherlands (Presenting author)

02. Exploring the archaeological potential of the Esquiline hill in Rome. PhD Boi, Valeria - Freelance (Presenting author)

03. Archaeology friendly building in a city centre: mission achieved or mission impossible? Doctorandus (Drs.) Groenendijk, Maarten - Municipality of Gouda (Presenting author)


05. Managing medieval archaeology in urban areas in Norway Ms Johansen, Lise-Marie Bye - NIKU - Norwegian Institute for Cultural Heritage Research (Presenting author)

06. The construction of the new Station Area in Utrecht: a decade of pressure cooker archaeology Drs Oudhof, Jan.Willem - Buro de Brug (Presenting author)

07. Managing Archaeology in Urban Centres in the French Speaking Part of Switzerland Conservatrice du patrimoine archéologique Liboutet, Marion - Canton de Vaud, Switzerland (Presenting author)
EUROPEAN ELECTIONS 2019. BENCHMARKS FOR ARCHAEOLOGY AND HERITAGE PROTECTION

Theme: 1. Twenty-five Years after Maastricht: Archaeology and Europe's future
Room: 2.8
Date: Wednesday, August 30
Time: 10:00 - 12:45
Organiser: Lodewijckx, Marc (Belgium) - Leuven University (KU Leuven); Karl, Raimund (United Kingdom) - Prifysgol Bangor University
Format: Round table

ABSTRACTS

01. Election Benchmarks: an instrument to bring archaeology to politicians and voters PD
Dr. Siegmund, Frank - DGUF; Universität Düsseldorf (Presenting author)

ARCHAEOLOGY OF RIVERS AND LAKES. WHEN THE WATER IS THE BRIDGE

Theme: 6. Interpreting the archaeological record
Room: 2.9
Date: Friday, September 1
Time: 8:30 - 12:45
Organiser: Tiboni, Francesco (France) - Centre Camille Jullian - Université Aix-Marseille 1; Sanna, Laura (Italy) - Università di Milano - Cattedra di Preistoria; Gaspari, Andrej (Slovenia) - University of Ljubljana - Faculty of Arts - Department of Archaeology; Toth, Attila (Hungary) - Árpád Museum, Ráckeve
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. The rich submerged heritage of French rivers: a long-term study
ANNIE, DUMONT - French Culture Ministry; DRASSM; UMR6298 ARTEHIS (Presenting author)

02. Muddy Waters. An international, interdisciplinary, theoretical approach to the question why people initially settled lacustrine environments in the European Neolithic
M.A. Verdonkschot, Jadranka - Universität Tübingen; Universidad de Alcalá (Presenting author)

03. A RIVER RUNS THROUGH IT: The manipulation of flow and the importance of fluvial archaeology
Mr Pedrotti, Felix - University of Southampton (Presenting author)

04. North to South. Waters and waterways in Northern Italian Alps
Dr. Marzatico, Franco - Soprintendenza per i Beni Culturali di Trento (Presenting author); Dr. Tiboni, Francesco - ATENA - CuMaNa - GENOVA
05. Linking across the lake: Bronze Age exchange systems in the northern Alpine region
Post-Doctoral Research Assistant Jennings, Benjamin - University of Bradford (Presenting author)

06. Place of Vardar and Struma river valleys in the cultural network of Central Macedonia in the Late Bronze Age
MA Bahyrycz, Cezary - Institute of Archaeology, Adam Mickiewicz University of Poznan (Presenting author)

07. Waters between the civilizing factor and sedes deorum in Late Iron Age North-Thracian lands
PhD Mandescu, Dragos - Arges County Museum (Presenting author)

08. Roman Sewn Boats of northern Italy and their second life
Dr. Tiboni, Francesco - ATENA - CuMaNa - GENOVA (Presenting author)

09. River dimension: Contribution of underwater archaeology to the better understanding the role and functions of the Danube
Dr. Tóth, Attila - Árpád Múzeum, Ráckeve (Presenting author)

10. A 16th century Venetian cargo from the Garda Lake - First Note
Dr. Sanna, Laura - Università degli Studi di Milano (Presenting author)

11. North/Southline metro Archaeology. The Nieuwebrug (New Bridge) in Amsterdam
Prof. Gawronski, Jerzy - Office for Monuments and Archaeology, City of Amsterdam (Presenting author)

12. The phenomenon of the medieval swords in watery contexts revisited: the Ljubljanica River case study.
Dr. Gaspari, Andrej - University of Ljubljana, Faculty of Arts, Dept. of Archaeology (Presenting author)

13. The influence of the river Rhine and its flooding on the medieval landscape of the Upper Rhine Valley
Conijn, Arjan - University of Heidelberg (Presenting author); Lange, Janine - University of Heidelberg; Prof. Dr. Meier, Thomas - University of Heidelberg; Dr. Mächtle, Bertil - University of Heidelberg

POSTERS

Potential of river Váh (Slovakia) - the first underwater archaeology survey. PhD. Daňová, Miroslava - Trnava University in Trnava, Faculty of Philosophy and Arts, Department of Classical Archaeology (Presenting author); PhDr./PhD. Daňová, Klaudia - Institute of Archaeology, Slovak Academy of Sciences, Nitra, Slovakia; Mgr. Stehlíková, Jana - Zavod za Podvodno Arheologijo, Brezovica pri Ljubljani, Slovenia
RECONSTRUCTING PREHISTORIC IDENTITIES AND LIFE HISTORIES THROUGH ISOTOPES

Theme: 6. Interpreting the archaeological record
Room: 1.18
Date: Saturday, September 2
Time: 8:30 - 12:45
Organiser: Fernandez-Crespo, Teresa (Spain) - University of the Basque Country; University of Oxford;
Snoeck, Christophe (Belgium) - Vrije Universiteit Brussel
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. Early farmers of northwest Anatolia: new dietary isotope studies of bone collagen at Neolithic Barcın Höyük and Aktopraklık
Dr Budd, Chelsea - Independent Researcher (Presenting author)

02. Infant feeding practices and breastfeeding strategies at the advent of Neolithic in the central Balkans
Jovanović, Jelena - BioSense Institute, University of Novi Sad, Serbia (Presenting author);
Goude, Gwenaëlle - Aix Marseille Univ, CNRS, Minist Culture & Com, LAMPEA, Aix-en-Provence, France;
Novak, Mario - Institute for Anthropological Research, Croatia; Bedić, Željka - Anthropological Centre,
Croatian Academy of Sciences and Arts, Croatia; de Becdelièvre, Camille - Laboratory for Bioarchaeology,
Department of Archaeology, Faculty of Philosophy, University of Belgrade, Serbia; Stefanović, Sofija - BioSense Institute, University of Novi Sad, Serbia; Laboratory for Bioarchaeology,
Department of Archaeology, Faculty of Philosophy, University of Belgrade, Serbia

03. Exploring human sedentism in Italy during Neolithic and Copper Age: insights from oxygen isotope analysis
Dr Anzivino, Laura - Centro di Antropologia Molecolare per lo Studio del DNA Antico,
Dipartimento di Biologia, Università degli Studi di Roma Tor Vergata; Dr Pellegrini, Maura - Research Laboratory for Archaeology and the History of Art, University of Oxford (Presenting author); Dr Mauro, Brilli - Istituto di Geologia Ambientale e Geoingegneria (IGAG), CNR; Dr De Angelis, Flavio - Centro di Antropologia Molecolare per lo Studio del DNA Antico, Dipartimento di Biologia, Università degli Studi di Roma Tor Vergata; Dr Giustini, Francesca - Istituto di Geologia Ambientale e Geoingegneria (IGAG), CNR; Dr Gabriele, Scorrano - Centro di Antropologia Molecolare per lo Studio del DNA Antico, Dipartimento di Biologia, Università degli Studi di Roma Tor Vergata; Dr Angle, Micaela - Soprintendenza Archeologia del Lazio e dell’Etruria meridionale; Dr Anzidei, Anna Paola - Soprintendenza Speciale per il Colosseo, il Museo Nazionale Romano e l’Area Archeologica di Roma; Dr Catalano, Paola - Soprintendenza Speciale per il Colosseo, il Museo Nazionale Romano e l’Area Archeologica di Roma; Dr Ceccaroni, Emanuela - Soprintendenza Archeologia dell’Abruzzo; Dr Pacciani, Elsa - Soprintendenza Archeologia della Toscana; Dr Radina, Francesca - Soprintendenza Archeologia della Puglia; Dr Rolfo, Mario - Dipartimento di Storia, Patrimonio culturale, Formazione e Società, Università degli studi di Roma Tor Vergata; Dr Silvestrini, Mara - Soprintendenza Archeologia delle Marche; Dr Volante, Nicoletta - Università degli Studi di Siena, Dipartimento di Scienze storiche e dei Beni culturali, Unità di Preistoria; Prof Sarti, Lucia - Università degli Studi di Siena, Dipartimento di Scienze storiche e dei
04. Modeling diet in the west Swedish Funnel Beaker culture

Mr Sjogren, Karl-Goran - Göteborg university (Presenting author)

05. Of Ships and Shoes and Sealing Wax, of Cabbages and Kings: Models for Bronze Age Mobility from the Nexus of Isotope Science and Archaeological Theory

Doctor/Phd Reiter, Samantha - The National Museum of Denmark (Presenting author); Prof. Frei, Karin - The National Museum of Denmark

06. Were we wrong? Reconstructions of life strategies of the Corded Ware populations from southern Poland

Dr hab. Szczepanek, Anita - Institute of Archaeology and Ethnology, Polish Academy of Sciences; Jagiellonian University Medical College (Presenting author); Dr Jarosz, Paweł - Institute of Archaeology, Adam Mickiewicz University in Poznań; Dr hab. Włodarczak, Piotr - Institute of Archaeology and Ethnology, Polish Academy of Sciences; Prof. Frei, Karin M. - The National Museum of Denmark; Dr Pospieszny, Łukasz - Institute of Archaeology and Ethnology, Polish Academy of Sciences; Dr Dopieralska, Jolanta - Adam Mickiewicz University in Poznań; Mgr Hozer, Monika - University of Rzeszów; Prof. Dr hab Machnik, Jan - Polish Academy of Arts and Sciences; Mgr Mazurek, Mirosław - University of Rzeszów

07. At the beginning of changes. Early Bronze Age in southern Poland in the light of stable isotopes analysis

Dr Jarosz, Paweł - Institute of Archaeology, Adam Mickiewicz University in Poznań (Presenting author); Dr hab. Szczepanek, Anita - Institute of Archaeology and Ethnology, Polish Academy of Sciences; Jagiellonian University Medical College; Dr hab. Włodarczak, Piotr - Institute of Archaeology and Ethnology, Polish Academy of Sciences; Dr Dopieralska, Jolanta - Adam Mickiewicz University in Poznań; Mgr Mazurek, Mirosław - University of Rzeszów

08. Locals or non-locals? Provenancing the origins of individuals buried in early medieval chamber graves in Poland by stable isotope analysis

Dr Błaszczyk, Dariusz - Institute of Archaeology, University of Warsaw (Presenting author)

09. The Arpadian Age Burials of Oberleiserberg (AT) - An interdisciplinary Approach

Mag. Brundke, Nina - University of Vienna (Presenting author)

10. Fit for a king? Reconstructing the catchment for feasts at Iron Age Navan Fort, the royal capital of Ulster, Ireland

Dr Madgwick, Richard - Cardiff University (Presenting author); Dr Grimes, Vaughan - Memorial University, Newfoundland; Dr Lamb, Angela - NERC Isotope Geosciences Laboratory, British Geological Survey; Dr Nederbragt, Alexandra - Cardiff University; Dr McCormick, Finbar - Queen's University Belfast

11. The Mesolithic Lady of Aizpea: a multidisciplinary life history approach to a northern Iberian inland hunter-gatherer

Fernandez-Crespo, Teresa - University of the Basque Country; University of Oxford; Ordoño, Javier - University of the Basque Country (Presenting author); Schulting, Rick - University of Oxford
12. **Isotopic Determination of a Non-Local Birthplace of a Well-Known Roman Soldier from Velsen, The Netherlands** Doctor/Phd L Waters-Rist, Andrea - Faculty of Archaeology, Leiden University; Drs. Palmer, Jessica - Faculty of Archaeology, Leiden University (Presenting author)

13. **The life, journeys and traumas of the slingshot woman: A case study from Pica 8, northern Chile** Dr Santana-Sagredo, Francisca - CNRS (Presenting author); Dr Retamal, Rodrigo - Universidad de Chile; Dr Schulting, Rick - University of Oxford; PhD(c) Pacheco, Aryel - Durham University; MSc Herrera, María José - Independent; PhD(c) Uribe, Mauricio - Universidad de Chile; Prof Lee-Thorp, Julia - University of Oxford

**POSTERS**

**Tracking Human Mobility in the Southern Levant during the Bronze and Iron Ages** Eshel, Tzilla - University of Haifa (Presenting author); Tirosh, Ofir - Institute of Earth Sciences, Hebrew University of Jerusalem; Dr. Yahalom-Mack, Naama - Institute of Archaeology, Hebrew University of Jerusalem; Prof. Erel, Yigal - Institute of Earth Sciences, Hebrew University of Jerusalem

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**183 PREVENTIVE ARCHAEOLOGY TOWARD THE THIRD DECADE OF THE 21RST CENTURY**

**Theme:** 2. The Valletta Convention: the next 25 years

**Room:** 1.15

**Date:** Friday, September 1

**Time:** 14:00 - 16:45

**Organiser:** Demoule, Jean-Paul (France) - University of Paris I; Guermandi, Maria Pia (Italy) - Ministry of Culture

**Format:** Round table

**ABSTRACTS**

01. **Leaving Malta... over land?** Mr. Barreiro, David - Institute of Heritage Sciences (Presenting author); Ms Varela-Pousa, Rocio - Institute of Heritage Sciences

02. **The rise, decline and fall of French preventive archaeology** Doctor/Phd Depaepe, Pascal - Inrap; CNRS UMR 7194 (Presenting author)
190  CULTURAL HERITAGE POLITICS IN A TRANSITIONING EUROPE
Theme:  1. Twenty-five Years after Maastricht: Archaeology and Europe's future
Room:  0.9
Date:  Friday, September 1
Time:  15:30 - 16:45
Organiser:  Phelps, Dana (United States) - Stanford University; Plets, Gertjan (Netherlands) - Utrecht University
Format:  Round table

ABSTRACTS
01. Transnational Heritage Investments and Global Security Agendas in a Transitioning Albania
     PhD Candidate Phelps, Dana - Stanford University (Presenting author)
02. EU cultural funding in Eastern Europe: a European family? Dr. Niklasson, Elisabeth - Stanford University (Presenting author)
03. Heritage Futures and the Future of Heritage Professor Dr Holtorf, Cornelius - Linnaeus University (Presenting author)
04. TRANSYLVANIAN SAXON HERITAGE: WHERE TO? Curator, Dr. Coltofean, Laura - Brukenthal National Museum, Sibiu, Romania (Presenting author); Curator Munteanu, Alexandru-Ilie - Brukenthal National Museum, Sibiu, Romania

191  RETHINKING THOMSEN'S THREE AGE SYSTEM. CRITICAL INTERROGATIONS OF THE EPISODEMOLOGIES SURROUNDING THE “IRON AGE”
Theme:  5. Comparing Archaeology Across Regions and Periods
Room:  1.13/14
Date:  Thursday, August 31
Time:  17:00 - 18:15
Organiser:  Balco, William (United States) - University of North Georgia; Johnson, James (Denmark) - University of Copenhagen
Format:  Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS
01. Contextualizing Iron Age Identity in Western Sicily Dr. Balco, William - University of North Georgia (Presenting author)
02. Lost in transition? Questioning sub-divisions of the Dutch Iron Age (c.800-50 BC) MA de Roest, Karla - University of Groningen (Presenting author)
03. Iron Age Macedonia: A “buffer-zone” between ancient Greek history and contemporary archaeologies. PhD Candidate Theodoroudi, Eleftheria - AUTH (Presenting author); Prof. Kotsakis, Kostas - AUTH

04. The concept of the "Iron Age" in Japanese Archaeology Ass. Prof. Wakabayashi, Kunihiro - Doshisha University Hitorical Museum (Presenting author)

### 200 CRAFT. RECONSIDERING SOCIAL CONTEXT, PRODUCTION AND DIVISION IN PREHISTORIC AND NON-LITERATE SOCIETIES

**Theme:** 6. Interpreting the archaeological record  
**Room:** 0.9  
**Date:** Thursday, August 31  
**Time:** 8:30 - 18:15  
**Organiser:** Adams, Sophia (United Kingdom) - University of Bristol; Vajanto, Krista (Finland) - Nanomicroscopy Center Aalto University; Rammo, Riina (Estonia) - University of Tartu  
**Format:** Session, made up of a combination of papers, max. 15 minutes each

### ABSTRACTS

01. The social context of the ceramic remains of non-ferrous metalworking Dr Adams, Sophia - University of Bristol (Presenting author)

02. Of a Mastery of Fire: engaging with the production of Late Iron Age/Early Romano British Black Burnished Ware. Dr Wilkes, Eileen - Bournemouth University; Mr Trim, Phillip - Bournemouth University (Presenting author); Dr Pitman, Derek - Bournemouth University

03. Metalworking: it's all about the model. Dr Kuijpers, Maikel - Leiden University (Presenting author)

04. Craft-man in Transylvanian Late Bronze Age mining-production-trade Doctor/Phd Wittenberger, Mihai - National History Museum of Transylvania (Presenting author)

05. Bowl food: A culinary perspective on the introduction and establishment of pottery in Early Neolithic Britain Dr Sibbesson, Emilie - Canterbury Christ Church University (Presenting author)

06. Many masters, one goal - high skills of Migration period Snartemo tablet woven bands from Norway PhD Vajanto, Krista - Nanomicroscopy Center Aalto University (Presenting author)

07. Tracing Ancient Craft Identities through Technological Choices and Technical Behaviours: the Copper Age pottery production of central Italy Dr Forte, Vanessa - McDonald Institute for Archaeological Research (Presenting author)

08. Towards Tracing Signs of Labor Division and Craft Specialization in the Sicilian Bronze Age Textile Technology Żebrowska, Katarzyna - Institute of Archaeology, University of Warsaw (Presenting author)

09. How to describe the nature of craft? Diverse vs. specialized activities and there influence on social classifications of craftsmen Dr. Nessel, Bianka - Heidelberg University (Presenting author)
10. Understanding ‘Ceramic Identity’ Through Analysis of Manufacture and Consumption of Iron Age Ceramics from Bulgarian Thrace
Hart, Ashlee - University at Buffalo, SUNY (Presenting author)

Dr JOY, Jody - University of Cambridge (Presenting author)

12. Analysing materials and meaning in Late Iron Age artefacts from Britain
Dr Davis, Mary - Freelance (Presenting author)

13. The process of hallstattization the south-western part of Poland from the viewponit of the ceramic manufacture research
Laciak, Dagmara - Adam Mickiewicz University in Poznań (Presenting author)

PhD. Student Asandulesei, Mihaela - “Alexandru Ioan Cuza” University of Iași, Interdisciplinary Research Department - Field Science (Presenting author)

15. Making spiral tube decorations – a need for collaboration and shared knowledge
Ms Rammo, Riina - University of Tartu; Aalto University (Presenting author); Mrs Ratas, Jaana - University of Tartu Viljandi Culture Academy

16. Iron Age 'artists'? Considering the evidence for an Early Celtic Art design skillset
Dr Chittock, Helen - University of Oxford (Presenting author)

17. Painting Amara West: colour taskscapes in ancient Sudan
Ms Fulcher, Kate - UCL Institute of Archaeology; British Museum, Department of Scientific Research (Presenting author)

18. The Fine Grey Ware Pyxis: Evidence for a Localized Crossover?
Professor Miller Bonney, Emily - CSU Fullerton (Presenting author)

19. Studying multiple technologies: case studies from the Neolithic of SE Europe
Dr. Vitezović, Selena - Institute of Archaeology, Belgrade (Presenting author); Dr. Antonović, Dragana - Institute of Archaeology, Belgrade

20. Nineveh’s first potters - a scientific study of Hassuna pottery from Mallowan’s deep sounding
Dr Spataro, Michela - The British Museum (Presenting author); Dr Fletcher, Alexandra - The British Museum

21. The Elks of Šventoji: Taking Another Closer Look
PhD student Slah, Gvidas - Vilnius Academy of Arts; Iršenas, Marius - Vilnius Academy of Arts, Institute of Art Research; Prof. Dr. Butrimas, Adomas - Vilnius Academy of Arts, Institute of Art Research; PhD student Rimkus, Tomas - Klaipeda University (Presenting author)

22. Figurative shell, stone, and bone work in the pre-colonial Caribbean: perspectives on cross-material technology
Breukel, Thomas - Leiden University (Presenting author); Prof. dr. Van Gijn, Annelou - Leiden University; Prof. dr. Hofman, Corinne - Leiden University

23. The role of archaeometallography in interpretation of ancient blacksmith's artefacts
Dr. Zavyalov, Vladimir - Institute of Archaeology Russian Academy of Sciences; Dr. Terekhova, Nataliya - Institute of Archaeology Russian Academy of Sciences (Presenting author)

24. Crafting a post-Orientalising world: textile production and social dynamics in southwestern Iberia in the late 6th-5th century BC
Dr Marin-Aguilera, Beatriz - McDonald Institute for Archaeo-
26. The integration of crafting spaces: a perspective from the Bronze Age Aegean Dr Jeffra, Caroline - University of Amsterdam (Presenting author)

27. Made Worlds: A holistic approach to making and dwelling in Iron Age Britain Dr Farley, Julia - British Museum (Presenting author)

**POSTERS**

Methods of the rims shaping from Dubovy Loh 5 Neolithic site (South-Eastern Belarus): common features and special aspects Ms Tkachova, Maryia - Institute of History NAS of Belarus (Presenting author)

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**THE ARCHAEOBOTANY OF NON-FOOD PLANT EXPLOITATION**

**Theme:** 6. Interpreting the archaeological record

**Room:** 1.18

**Date:** Thursday, August 31

**Time:** 8:30 - 12:45

**Organiser:** Mooney, Dawn Elise (Norway) - University of Stavanger; Pinta, Elie (France) - Université de Paris 1 Panthéon-Sorbonne; Guðmundsdóttir, Lísabet (Iceland) - Fornefastofnun Islands

**Format:** Session, made up of a combination of papers, max. 15 minutes each

**ABSTRACTS**

01. From the artefact to the tree: wood and woodworkers in medieval Norse Greenland PINTA, Elie - Université Paris 1 Panthéon-Sorbonne; CNRS - UMR 8096 Archéologie des Amériques (Presenting author)

02. Wood utilisation during the Christianization of Iceland in the 11th century Guðmundsdóttir, Lísabet - Institute of Archaeology Iceland (Presenting author)

03. Several woods for several uses. Exploitation and selection of forest resources at the pile-dwelling cave “settlement” of Grotte di Pertosa Dr. Breglia, Francesco - PhD Student Scienze del Patrimonio Culturale, Università del Salento, Via Birago n. 64, 73100, Lecce (Italia); C.R.S. “Enzo dei Medici”, Via Lucania n.3, 87070, Roseto Capo Spulico (Cosenza - Italia) (Presenting author); Prof. Fiorentino, Girolamo - Laboratorio di Archeobotanica e Paleoecologia, Università del Salento, Via Birago n. 64, 73100 Lecce (Italia); Dr. Primavera, Milena - Laboratorio di Archeobotanica e Paleoecologia, Università del Salento, Via Birago n. 64, 73100 Lecce (Italia).
04. A Scottish Iron Age wetland village built from nature’s bounty: Understanding the formation of plant litter floors. Miss Robertson, Jackaline - AOC Archaeology Group; Mrs Roy, Lynne - AOC Archaeology Group (Presenting author)

05. Industry, craft or agriculture? Exploring the potential uses of seaweed in the Norse North Atlantic. Dr Mooney, Dawn Elise - University of Stavanger (Presenting author)

06. Pteridium aquilinum (L.) Kuhn (Bracken) and associated plants as a packing medium: the Pewsey Hoard and other unusual examples. Dr Pelling, Ruth - Historic England (Presenting author); Dr Grant, Michael - University of Southampton

07. The use of evergreen plants for ritual and ornamental purposes in Roman Britain. Dr Lodwick, Lisa - University of Reading (Presenting author)

08. NETTLE, HEMP AND FLAX: CHALLENGES AND PROSPECTS FOR IDENTIFYING ARCHAEOLOGICAL PLANT FIBRES. Mr Waudby, Denis - University of Bradford (Presenting author); Dr Thompson, Jillian - University of Bradford; Dr Evans, Adian - University of Bradford

09. THE PRODUCTION AND USE OF CORDAGE IN THE BALEARIC BRONZE AGE: THE COVA DES PAS (FERRERIES, MENORCA). Romero, Susagna - Universitat Autònoma de Barcelona (UAB) (Presenting author); Dra Piquè, Raquel - Universitat Autònoma de Barcelona (UAB); Dr Picornell-Gelabert, Llorenç - ArqueUIB Research Group; Dr Calvo, Manuel - ArqueUIB Research Group

10. IS CHOICE ACCEPTABLE? HOW ANTHROPOLOGICAL PARADIGMS MAY HINDER THE CONSIDERATION OF FUEL GATHERING AS A CULTURAL BEHAVIOR. Delhon, Claire - Université Côte d’Azur; CNRS; CEPAM (Presenting author)

11. Firewood and hearth functions. To what extent can they light Paleolithic ways of life? Dr CNRS THERY PARISOT, Isabelle - Université Côte d’Azur; CNRS; CEPAM (Presenting author)

12. Around a putative Neanderthal smoking hearth from El Salt (Eastern Iberia): firewood management and charcoal spatial data. Vidal-Matutano, Paloma - Universitat de València; Université Côte-d’Azur, CEPAM, CNRS, France (Presenting author); Henry, Auréade - Université Côte-d’Azur, CEPAM, CNRS, France; Théry-Parisot, Isabelle - Université Côte-d’Azur, CEPAM, CNRS, France; Mallol, Carolina - Universidad de La Laguna; Hernández, Cristo M. - Universidad de La Laguna; Galván Santos, Bertila - Universidad de La Laguna

13. Wood to build, wood to burn: woodland exploitation for timber and domestic firewood in prehistoric Balearic Islands (Western Mediterranean). Dr Picornell-Gelabert, Llorenç - Muséum National d’Histoire Naturelle - Centre National de la Recherche Scientifique - Sorbonne Universités; ArqueoUIB Research Team. University of the Balearic Islands (Presenting author); Dr. Dufraisse, Alexa - Muséum National d’Histoire Naturelle - Centre National de la Recherche Scientifique - Sorbonne Universités

14. Contributions of charcoal analysis to the study of the specialized fishing site of Bayovar-01 (5th-8th centuries AD), northern coastal Peru. Bermeo, Nicolas - Université Paris 1 Panthéon-Sorbonne; UMR 8096 Archéologie des Amériques (Presenting author); Elliott, Michelle - Université Paris 1 Panthéon-Sorbonne; UMR 7041 Archéologies et Sciences de l’Antiquité; Goepfert, Nicolas - CNRS-Paris 1; UMR 8096 Archéologie des Amériques; Gutiérrez, Belkys - Universidad Nacional de Trujillo
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Late glacial and Early Holocene landscape dynamics through macrobotanical data: evidence from Ifri El Baroud (NE Morocco)
Carrión, Yolanda - Universitat de València; Vidal-Matutano, Paloma - Universitat de València; Université Côte-d’Azur, CEPAM, CNRS, France (Presenting author); Morales, Jacob - Universidad de Las Palmas de Gran Canaria; Henríquez Valido, Pedro - Universidad de Las Palmas de Gran Canaria; Poti, Alessandro - University of Cologne; Kehl, Martin - University of Cologne; Weniger, Gerd-Christian - Neanderthal Museum; Mikdad, Abdeslam - INSAP

Intentional or natural deposits? Finds of herbaceous plants and other common plant species from prehistoric archeological sites from Romania
Miss Golea, Mihaela - National History Museum of Romania (Presenting author)

Boxwood history in Northeast of Iberian Peninsula
Dr. Piqué, Raquel - Universitat Autònoma de Barcelona (Presenting author); Ms Morera, Núria - Universitat Autònoma de Barcelona; Dr Revelles, Jordi - Universitat Autònoma de Barcelona; Dr Burjachs, Francesc - Institut Català de Paleoecologia Humana i Evolució Social (IPHES); Institució Catalana de Recerca i Estudis Avançats; Universitat Rovira i Virgili

**ENOUGH LIDAR ON MY PLATE. INTERPRETATION OF CHANGING LANDSCAPES BETWEEN THE AWAKENING AND FALL OF THE ROMAN EMPIRE**

**Theme:** 5. Comparing Archaeology Across Regions and Periods

**Room:** 2.10

**Date:** Saturday, September 2

**Time:** 14:00 - 16:45

**Organiser:** González Álvarez, David (United Kingdom) - Durham University, UK; Institute of Heritage Studies (Incipit), CSIC, Spain; Fonte, João (United Kingdom) - University of Exeter, UK; Institute of Heritage Studies (Incipit), CSIC, Spain; Costa García, José M. (Netherlands) - VU University, The Netherlands; University of Santiago de Compostela, Spain

**Format:** Session, made up of a combination of papers, max. 15 minutes each

**ABSTRACTS**

**01.** Is there a Samnite landscape? Putting Samnite hillforts in place. Dr. García Sánchez, Jesús - Leiden University (Presenting author)

**02.** Use of LiDAR data for the assessment of locational criteria of early Roman fortifications in the Serena Region (SW Spain) Mr Mayoral Herrera, Victorino - Instituto de Arqueología-Mérida; Ms Parini, Martina Cecilia - Università degli Studi di Firenze (Presenting author)

**03.** From artistic reliefs to relief models: Roman army presence and its impact on the central area of Dacia through LiDAR Dr Fonte, João - Institute of Heritage Sciences (Incipit), Spanish National Re-
search Council (CSIC); Department of Archaeology, University of Exeter (Presenting author); Dr Oltean, Ioana - Department of Archaeology, University of Exeter

04. Satellite remote sensing and the Sasanians: Perspectives from a neighbouring empire Hopper, Kristen - Durham University (Presenting author); Lawrence, Dan - Durham University

05. The blurred mirror: building up new narratives to calibrate the real impact of the Roman military presence in NW Iberia Dr. Costa-García, José Manuel - Universidade de Santiago de Compostela; Vrije Universiteit Amsterdam (Presenting author); Dr. Fonte, João - Institute of Heritage Sciences (Incipit), Spanish National Research Council (CSIC); University of Exeter; Dr. González Álvarez, David - Institute of Heritage Sciences (Incipit), Spanish National Research Council (CSIC); Durham University

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ROCK ART RESEARCH IS ARCHAEOLOGY OR IT IS NOTHING

Theme: 4. The ‘Third Science Revolution’ in Archaeology
Room: 0.3
Date: Thursday, August 31
Time: 8:30 - 12:45
Organiser: Gallinaro, Marina (Italy) - University of Rome La Sapienza; Domingo Sanz, Ines (Spain) - ICREA (Institució Catalana de Recerca i Estudis Avançats); Universitat de Barcelona, Secció de Prehistòria i Arqueologia Seminari d’Estudis i Recerques Prehistòriques (SERP)
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. Identifying, characterising and radiocarbon dating calcium oxalate minerals in mineral crusts associated with rock art Jones, Tristen - Archaeology and Natural History, The Australian National University (Presenting author); Dr Levchenko, Vladimir - Centre for Accelerator Science, Australian Nuclear Science and Technology Organisation; Assistant Professor King, Penelope - Research School of Earth Sciences (RSES), The Australian National University; Dr Troitzsch, Ulrike - Research School of Earth Sciences (RSES), The Australian National University

02. A critical assessment of the potential and limitations of physicochemical analysis to advance knowledge on Levantine rock art. Prof. Domingo Sanz, Ines - ICREA; University of Barcelona / SERP (Presenting author); Dr. Vendrell, Marius - University of Barcelona. Departament de Cristal·lografia, mineralogia i dipòsits minerals

03. The use of caves with Palaeolithic art in the Cantabrian region and the Western Pyrenees: a new methodology Dr Ochoa, Blanca - Área de Prehistoria. Dept. de Geografía, Prehistoria y Arqueología. Universidad del País Vasco (UPV/EHU); Archaeology Department. Durham University (Presenting author); Dr García-Diez, Marcos - Área de Prehistoria. Dept. de Geografía, Prehistoria y Arqueología. Universidad del País Vasco (UPV/EHU)

04. Connectivity in Prehistory: the contribution of Atlantic Rock Art. Valdez-Tullett, Joana - University of Southampton; Historic Environment Scotland (Presenting author)
05. Material Imagery: Visual modes of material articulation in south Scandinavian rock art
Ass. Prof. Fahlander, Fredrik - Stockholm University (Presenting author)

06. Digital imaging and the ‘chaîne opératoire’ approach to the study of rock art carvings
PhD Díaz-Guardamino, Marta - Cardiff University (Presenting author)

07. Archaeoacoustics and the ‘Third Science Revolution’ in rock art studies
Professor Diaz-Andreu, Margarita - ICREA; Universitat de Barcelona (Presenting author); Dr Mattioli, Tommaso - Universitat de Barcelona

08. Landscape-archaeology of a rock art region – the Brandberg in Namibia.
Dr Lenssen-Erz, Tilman - University of Cologne; Vogels, Oliver - University of Cologne (Presenting author)

09. Proyecto Arqueológico Toro Muerto - new technologies in documentation of rock art sites
Ms Juszczyk, Karolina - University of Warsaw (Presenting author)

10. Analyzing Rock Art beyond Intercultural Hermeneutics
Prof. Dr. Mathiak, Brigitte - Universität zu Köln; Dr. Lenssen-Erz, Tilman - Universität zu Köln; M.A. Fäder, Eymard - University of Cologne - Institute for Prehistoric Archaeology (Presenting author)

11. The “DStretch” for engravings
Jalandoni, Andrea - Place, Evolution and Rock Art Heritage Unit (PERAHU) & Environmental Futures Research Institute (EFRI), Gold Coast campus, Griffith University, Queensland 4222, Australia. (Presenting author); Kottermair, Maria - Center for Island Sustainability (CIS), University of Guam, Mangilao, Guam, USA

12. Spatial analysis and chronology in the study of the cliff paintings of Finland: methods and challenges
Niskanen, Karen - University of Oulu (Presenting author)

Dr Rondini, Paolo - University of Pavia (Presenting author)

213  VIKINGS ON THE EDGE. THE LIMITS OF VIKING EXPANSION AND INFLUENCE IN THE LOW COUNTRIES AND BEYOND

Theme: 5. Comparing Archaeology Across Regions and Periods
Room: 1.10
Date: Friday, September 1
Time: 8:30 - 9:45
Organiser: Deckers, Pieterjan (Belgium) - Vrije Universiteit Brussel; IJssennagger, Nelleke (Netherlands) - Fries Museum, Leeuwarden; University of Groningen; Leonard, Alison (United Kingdom) - University of York; University of Cambridge
Format: Session, made up of a combination of papers, max. 15 minutes each
ABSTRACTS

01. Connectivity in the ‘Long’ Viking Age: studies from the edges of the North Sea Dr Leonard, Alison - University of York; University of Cambridge (Presenting author); Dr Ashby, Steve - University of York; Prof Tys, Dries - Vrije Universiteit Brussel

02. The invisible boundaries of the Viking world? The case of Frisia. Drs. IJssennagger, Nelleke - Fries Museum; University of Groningen (Presenting author)

03. Beyond burning and pillaging: Scandinavian presence and cultural influence in the southern Low Countries, 8th-11th centuries Dr Deckers, Pieterjan - Vrije Universiteit Brussel (Presenting author); Prof Dr Tys, Dries - Vrije Universiteit Brussel; Dr Wouters, Barbora - Vrije Universiteit Brussel

04. On board with the Crew: identity formation and socio-political cohesion among Viking warbands and armies Dr. Raffield, Ben - Uppsala University (Presenting author)

THE OTHER SIDE. THE REALITY OF THE EARLIEST FARMING IN EUROPE AND LESSONS FOR UNDERSTANDING AGRICULTURAL ORIGINS

Theme: 4. The ‘Third Science Revolution’ in Archaeology
Room: 0.5
Date: Friday, September 1
Time: 8:30 - 16:45
Organiser: Gron, Kurt (United Kingdom) - Durham University; Rowley-Conwy, Peter (United Kingdom) - Durham University; Sørensen, Lasse (Denmark) - The National Museum of Denmark
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. The Other Side: Introduction to Session 214 Dr. Gron, Kurt - Durham University (Presenting author); Professor Rowley-Conwy, Peter - Durham University; Dr. Sørensen, Lasse - The National Museum of Denmark

02. Pioneer farming in the Balkans during the early sixth millennium BC: integrating quantitative bioarchaeological datasets with bioclimatic parameters Dr Ivanova, Maria - University of Heidelberg (Presenting author); Dr Marinova, Elena - KU Leuven; Dr De Cupere, Bea - Royal Belgian Institute of Natural Sciences

03. First farmers of the Adriatic: Examining the timing, tempo, and character of domestic animal management in the Adriatic Dr. McClure, Sarah - The Pennsylvania State University (Presenting author); Podrug, Emil - Sibenik City Museum, Sibenik, Croatia

04. Who were the earliest farmers? Interactions - innovations - adaptations at Earliest Neolithic of the Central Balkans, human bioarchaeological perspectives de Becdelievre, Camille - Faculty of Philosophy, University of Belgrade (Presenting author); Jovanović, Jelena - BioSense Institute, University of Novi Sad; Dr Hofmanová, Zuzana - Department of Biology, University of Fribourg, Switzerland;
05. Can spatio-temporal kernels provide a better understanding of the earliest farming expansion through the Mediterranean? Dr Díez Castillo, Agustín - Universitat de València (Presenting author); Dr García Puchol, Oreto - Universitat de València; Prof McLure, Sarah - Pennsylvania State University; Prof Bernabeu Aubán, Joan - Universitat de València; Dr Pardo-Gordó, Salvador - Universitat de València

06. Origins and Evolution of Pig Domestication in Italy: A Biometrical Study Lic. Tecce, Sofia - The University of Sheffield (Presenting author); Dr. Albarella, Umberto - The University of Sheffield

07. First farmers in Liguria, northwestern Italy: new evidence from Arene Candide Professor Rowley-Conwy, Peter - Durham University (Presenting author); Ms Panelli, Chiara - University of Nice; Dr Rossi, Stefano - Soprintendenza dei Beni Culturali, Genova; Dr Maggi, Roberto - retired

08. Earliest Farming in North-Western Mediterranean: Evidences from Castellar – Pendimoun during the 6th millennium BCE Dr Binder, Didier - Université Côte d’Azur; CNRS; Cultures et Environnements. Préhistoire, Antiquité, Moyen-Âge (Presenting author); Ms Battentier, Janet - Université Côte d’Azur; CNRS; Cultures et Environnements. Préhistoire, Antiquité, Moyen-Âge; Dr Bouby, Laurent - Université Montpellier; CNRS; Institut des Sciences de l’Evolution; Dr Brochier, Jacques-Elie - Aix-Marseille Université; CNRS; Laboratoire Méditerranéen de Préhistoire, Europe, Afrique; Mr Carré, Alain - Université Côte d’Azur; CNRS; Cultures et Environnements. Préhistoire, Antiquité, Moyen-Âge; Dr Cucchi, Thomas - Muséum National d’Histoire Naturelle; CNRS; Archéozoologie, Archéobotanique; Dr Delhon, Claire - Université Côte d’Azur; CNRS; Cultures et Environnements. Préhistoire, Antiquité, Moyen-Âge; Ms De Stefanis, Cristina - Université Côte d’Azur; CNRS; Cultures et Environnements. Préhistoire, Antiquité, Moyen-Âge; Ms Drieu, Léa - Université Côte d’Azur; CNRS; Cultures et Environnements. Préhistoire, Antiquité, Moyen-Âge; Dr Evin, Allowen - Institut des Sciences de l’Evolution; CNRS; Institut des Sciences de l’Evolution; Dr Girdland Flink, Linus - Liverpool John Moores University; Dr Goude, Gwenaëlle - Aix-Marseille Université; CNRS; Ministère de la Culture et de la Communication; Laboratoire Méditerranéen de Préhistoire, Europe, Afrique; Dr Gourichon, Lionel - Université Côte d’Azur; CNRS; Cultures et Environnements. Préhistoire, Antiquité, Moyen-Âge; Dr Guillon, Sébastien - Université Côte d’Azur; CNRS; Cultures et Environnements. Préhistoire, Antiquité, Moyen-Âge; Dr Hamon, Caroline - Université Paris Panthéon Sorbonne; CNRS; Trajectoires. De la sédentarisation à l’Etat; Dr Helmer, Daniel - Université Lyon 2; CNRS; Archéorient; Dr Thiébault, Stéphanie - Muséum National d’Histoire Naturelle; CNRS; Archéozoologie, Archéobotanique

09. Integrating domesticates: Earliest farming experiences in the Iberian Peninsula Dr Saña, Maria - Prehistory Department, Universitat Autònoma de Barcelona, Spain; Mr Alcantara, Roger - Prehistory Department, Universitat Autònoma de Barcelona, Spain (Presenting author); Dr Antolín, Ferran - Department of Environmental Sciences, Integrative Prehistory and Archaeological Science (IPNA/IPAS), Basel University, Spalenring 145, 4055 Basel, Switzerland; Ms Ferratges, Eloïsa - Prehistory Department, Universitat Autònoma de Barcelona, Spain; Ms Garcia, Sheila - Prehistory Department, Universitat Autònoma de Barcelona, Spain; Mr Sierra, Alejandro - Área de Prehistoria, Universidad de
10. The initial transition to farming in southern Central Europe – A brief summary of the current state of affairs
Professor Dr Gronenborn, Detlef - Roemisch-Germanisches Zentralmuseum; Dr. Haak, Wolfgang - Max Planck Institute for the Science of Human History (Presenting author)

11. The character of the early Neolithic farming. A view from the Polish lowlands
Professor Marciniak, Arkadiusz - Adam Mickiewicz University (Presenting author)

12. First farmers on the Vistula River in the Polish Lowlands
Dr. Pyzel, Joanna - University of Gdansk (Presenting author); Dr. habil. Mueller-Bieniek, Aldona - Institute of Botany PAS; Dr. Moskal-del Hoyo, Magdalena - Institute of Botany PAS

13. The role and nature of early animal husbandry in secondary Neolithisation: The Dutch and eastern Aegean cases in comparative perspective
Prof. Raemakers, DCM - Groningen University; Dr. Cakirlar, Canan - Groningen University (Presenting author)

14. The earliest farming in Britain
Professor Rowley-Conwy, Peter - Durham University (Presenting author); Dr Gron, Kurt - Durham University; Dr Bishop, Rosie - University College Dublin; Ms Longford, Catherine - University of Sheffield

15. Exploring the ‘somewhere’ and ‘someone’ else: an integrated approach to Ireland’s earliest farming practice
Dr SMYTH, Jessica - University College Dublin (Presenting author); Dr McClatchie, Meriel - University College Dublin; Dr Warren, Graeme - University College Dublin

16. Biased data or hard facts? How to interpret the earliest agrarian evidences in South Scandinavia
Sorensen, Lasse - The National Museum of Denmark (Presenting author)

17. Early Neolithic farming in southern Scandinavia
Dr. Gron, Kurt - Durham University (Presenting author); Dr. J. Church, Mike - Durham University; Dr. R. Gröcke, Darren - Durham University; Dr. Larsson, Mikael - Lund University; Dr. Sørensen, Lasse - National Museum of Denmark

18. Culture and context of the Scandinavian Neolithic
Professor Glorstad, Hakon - Museum of Cultural History, University of Oslo (Presenting author)

19. The slow Neolithisation: a case study from western Norway
Professor Bergsvik, Knut Andreas - University of Bergen (Presenting author); Associate professor Olsen, Asle Bruen - University of Bergen; PhD student Halvorsen, Lene Synnøve - University of Bergen; Associate professor Hjelle, Kari Loe - University of Bergen

20. One size does not fit all? Interpreting complex diachronic Neolithic-period data in Norway
Dr Prescott, Christopher - The Norwegian Institute in Rome, University of Oslo, Norway (Presenting author)

21. The Northern Fringe of Early Farming in Europe – Insights from Ancient Genomes
Mittnik, Alissa - Max Planck Institute for the Science of Human History, Jena, Germany; Institute for Archaeological Sciences, University of Tübingen, Tübingen, Germany (Presenting author); Wang, Chuan-Chao - Max Planck Institute for the Science of Human History, Jena, Germany; Pfrengle, Saskia - Institute for Archaeological Sciences, University of Tübingen, Tübingen, Germany; Daubaras, Mantas - Department of Archaeology, Lithuanian Institute of History, Vilnius; Hallgren, Fredrik - The Cultural Heritage
22. **Agricultural delay in the east Baltic. What are the reasons for this?** PhD student Grikpėdis, Mindaugas - Vilnius university (Presenting author); Dr. Motuzaitė Matuzevičiūtė, Giedrė - Vilnius university; Lithuanian institute of history

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**219 PROOFS AND POSSIBILITIES. UNDERSTANDING THE ROLE OF EVIDENCE IN ARCHAEOLOGICAL RESEARCH**

**Theme:** 6. Interpreting the archaeological record

**Room:** 1.06

**Date:** Friday, September 1

**Time:** 10:00 - 12:45

**Organiser:** Ion, Alexandra (United Kingdom) - McDonald Institute for Archaeological Research, University of Cambridge; Ribeiro, Artur (Germany) - Graduate School "Human Development in Landscapes", University of Kiel

**Format:** Session, made up of a combination of papers, max. 15 minutes each

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**ABSTRACTS**

01. **True, false, possible: archaeology and the “laboratory of possibilities”** Dr. Ribeiro, Artur - Christian-Albrechts-Universitat (Presenting author)

02. **Vagueness and archaeological interpretation: an abductivist account** Mr Marila, Marko - University of Helsinki (Presenting author)

03. **The Social Construction of Past – Evidence and Narratives in Archaeology Using the Example of Earliest Churches in Alemannia** Werner, Michael - Albert-Ludwigs-Universität Freiburg (Presenting author)

04. **Proofs, probabilities, possibilities: Mirror, magic, and mysteries. – How far can we go?** Professor Dr Lindstrom, Torill Christine - University of Bergen (Presenting author)

05. **Proofs as possibilities: interrogating interdisciplinary approaches to the study of human remains in (osteo)archaeology** Dr Ion, Alexandra - McDonald Institute for Archaeological Research (University of Cambridge) (Presenting author)

06. **The Use of Natural Scientific Evidence in the Interpretation of Past Cultural Behaviour** Kokkov, Kristin - University of Tartu (Presenting author)

07. **Plausibility matters** Meier, Thomas - Ruprecht-Karls-University Heidelberg (Presenting author)
RE-THINKING HOW EUROPEAN CONTRACT ARCHAEOLOGY CAN BEST CONTRIBUTE TO SOCIETY

Theme: 2. The Valletta Convention: the next 25 years
Room: 0.6
Date: Thursday, August 31
Time: 14:00 - 18:15
Organiser: Högberg, Anders (Sweden) - Linnaeus University; Holtorf, Cornelius (Sweden) - Linnaeus University; Schlanger, Nathan (France) - École nationale des chartes Paris; Kars, Eva (Netherlands) - EARTH Integrated Archaeology, Amersfoort; Bazelmans, Jos (Netherlands) - Cultural Heritage Agency of the Netherlands, Amerfoort
Format: Session with papers of six minutes and six slides

ABSTRACTS

01. What does it mean for contract archaeology to contribute to society? Professor Högberg, Anders - GRASCA, Linnaeus University; University of Johannesburg (Presenting author); Professor Holtorf, Cornelius - GRASCA, Linnaeus University

02. Understanding conflict behavior - dead bodies as manifestations PhD Candidate Alfsdotter, Clara - GRASCA, Linnaeus University; Bohusläns Museum (Presenting author)

03. Alive; Digital Knowledge Development and Communication in Contract Archaeology. PhD Candidate Mr Gunnarsson, Fredrik - GRASCA, Linnaeus University; Department of Museum Archaeology, Kalmar County Museum (Presenting author)

04. The production of knowledge within Dutch contract archaeology: the long tradition of craftsmanship as a dominant paradigm Prof.dr. Bazelmans, Jos - Cultural Heritage Agency of the Netherlands (Presenting author); Dr. Kars, Eva - EARTH INTEGRATED ARCHAEOLOGY

05. Archaeological synthesis as condition to contribute to society Drs Eerden, monique - Rijksdienst voor het Cultureel Erfgoed (Presenting author)

06. What about the content? PhD Candidate Dutra Leivas, Ivonne - GRASCA - Linnaeus University; Kalmar County Museum (Presenting author)

07. Whose (maritime) archaeology is it anyway? PhD Candidate Ni Chiobhain Enqvist, Delia - GRASCA, Linnaeus University; Bohusläns museum (Presenting author)

08. Concluding discussion Dr Schlanger, Nathan - Ecole nationale des chartes (Presenting author)

09. When people matter. Sustainable urban development from heritage and archaeology PhD Candidate Söderström, Ulrika - GRASCA, Linnaeus University (Presenting author)

10. The Synergy effect between contract Archaeology commission-based Conservation and the Museum PhD Candidate Smits, Vivian - GRASCA, Linnaeus University; Studio Västsvensk Konservering, Västarvet (Presenting author)

11. Working towards a standard for resource and predictive maps for local authorities Drs/ msc Speleers, Barbara - cultural heritage agency the Netherlands (Presenting author)
12. **How we got murderers: the rise and fall of Italian Archaeologists** Phd Pintucci, Alessandro - Confederazione Italiana Archeologi; Topografia Archeologica Scarl (Presenting author)

13. **Everybody loves archaeology, but not in the garden of his own.** PhDr., Ph.D. Bures, Michal - Archeo Pro o.p.s. (Presenting author)

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**225 MEETING US. HERITAGE, CULTURAL IDENTITY, AND NEWCOMERS IN EUROPE IN THE 21ST CENTURY**

- **Theme:** 3. Trans- and Metadisciplinary Approaches in Archaeology
- **Room:** 0.7
- **Date:** Thursday, August 31
- **Time:** 14:00 - 16:45
- **Organiser:** Colomer, Laia (Sweden) - Linnaeus University; Catalani, Anna (United Kingdom) - University of Lincoln
- **Format:** Session, made up of a combination of papers, max. 15 minutes each

**ABSTRACTS**

01. **Heritage, identity and refugees in the 21st century Europe** DR CATALANI, ANNA - University of Lincoln, UK (Presenting author)

02. **Exception or normalization? An archaeology of the ‘Centros de Internamiento de Extranjeros’ in Spain** Mr. Gomes-Coelho, Rui - Cultural Heritage and Preservation Studies, Rutgers University, USA; Dr. Marín Suárez, Carlos - Centro de Estudios e Investigaciones en Arqueología y Memoria, CEAM-UNR; Dr. Tejerizo-García, Carlos - Institute of Heritage Sciences (Incipit, CSIC) (Presenting author); Mr. Fermín-Maguire, Pedro Pablo - Universidade Federal de Minas Gerais

03. **Beyond collective origins: alternative archaeological narratives for global citizens of the 21st century** Professor Dr Holtorf, Cornelius - Linnaeus University (Presenting author)

04. **Where do I place my memories? The archaeology of commemorating the memories of political refugees.** Dr Colomer, Laia - Linnaeus University (Presenting author)

05. **Heritage projects in multicultural schools: a place to meet** Masriera, Clara - Universitat Autonoma de Barcelona (Presenting author)

06. **The assembly of South African archaeological heritage at the British Museum: do trans-placed objects contribute to a shared temporal identity?** Dr. Königk, Raymund - University of Lincoln; Ms van der Wath, Elana - University of Lincoln (Presenting author)

07. **Using Cultural heritage for integration: A Spanish initiative is using cultural heritage as a tool for integration** PhD candidate Sabrine, Isber - Heritage For Peace; CSIC-IMF; university of Girona (Presenting author); Dr Gibaja Bao, Juan - CSIC-IMF
PRESENT IDENTITIES FROM THE PAST. PROVIDING A MEANING TO MODERN COMMUNITIES

Theme: 1. Twenty-five Years after Maastricht: Archaeology and Europe's future
Room: 1.17
Date: Saturday, September 2
Time: 8:30 - 12:45
Organiser: Vianello, Andrea (United Kingdom) - independent researcher; Gheorghiu, Dragos (Romania) - Universitatea Nationala de Arte Bucuresti
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. Why archaeology should be part of the curriculum in general education Dr Bouissac, Paul - University of Toronto (Presenting author)

02. THE SOCIAL IMPLICATION OF ARCHAEOLOGY: BUILDING A NEW IDENTITY FOR A CONTEMPORARY VILLAGE Professor Gheorghiu, Dragos - National University of Arts (Presenting author)

03. Traditions, Capacities and Responsibility of Archaeology in Confronting the Key Challenges of the Contemporary World Doctor/Phd Tevdovski, Ljuben - Goce Delcev University; Ms Sokoloska, Angela - Institute of Cultural Heritage and Archaeology (Presenting author)

04. The archaeology of globalisation and nothingness. Problems and solutions for future narratives Dr Vianello, Andrea - independent researcher (Presenting author)

05. Conforming to Tourism: The tension between small farms and heritage in Dumfries and Galloway, Scotland Dr Anderson, Christine - Berea College (Presenting author)

06. ‘Fen slodgers’ in a wetland world - identities and resilience in the dynamic environment of the East Anglian Fens (UK) Ms. Huisman, Floor - Durham University (Presenting author)

07. A battle from the past: the successive archaeological narratives on Aljubarrota Dr Martins, Ana Cristina - Faculdade de Ciências Sociais e Humanas da Universidade Nova de Lisboa (Presenting author)

08. The Hellenocentric View of Cyprus and Negotiating Cypriot Identity Through Archaeology Dr Markou, Alexandra - Independent Researcher (Presenting author)

09. The Sântana de Mureș - Cherniakov Culture Historiography: Nationalism Ethnicities, Migration, and a Battle of Ideologies Plăcintă, Tiberiu - “Alexandru Ioan Cuza” University of Iași (Presenting author)

10. From Stone Age to Space Age within one lifetime - Changing identities within tribal societies in Papua New Guinea Dr. dosedla, henry - CINDIS austia (Presenting author); Dr dosedla, henry - CINDIS austia

11. A bias history a bias identity? Working with alternative interpretations of history in school settings in the Dominican Republic Herrera-Malatesta, Eduardo - Universiteit Leiden (Presenting author); Con Aguilar, Eldris - Universiteit Leiden; Álvarez, Arlene - Museo Arqueológico Regional Altos de Chavón; Universiteit Leiden
12. Contextualizing African American Work and Landscapes in the Southern United States
Mr. Botwick, Brad - New South Associates, Inc. (Presenting author)

237 ARCHAEOLOGICAL PRACTICES AND KNOWLEDGE WORK IN THE DIGITAL ENVIRONMENT

Theme: 5. Comparing Archaeology Across Regions and Periods
Room: 2.10
Date: Thursday, August 31
Time: 14:00 - 18:15
Organiser: Huvila, Isto (Sweden) - Uppsala University; Dallas, Costis (Canada) - University of Toronto;
Laužikas, Rimvydas (Lithuania) - University of Vilnius
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. Reports are easy, data is difficult Prof. Huvila, Isto - Uppsala University (Presenting author)

02. Conceptual mapping of heterogeneous datasets: CIDOC-CRM and the complexity of ar-
chaeo-historical concepts Mr. Palsson, Gisli - Umea University (Presenting author)

03. On the borders of archaeology knowledge Laužikas, Rimvydas - Vilnius University Faculty of
Communication (Presenting author)

04. Fostering Synthesis in Archaeology Dr Altschul, Jeff - Statistical Research, Inc./SRI Foundation
(Presenting author); Dr Kintigh, Keith - Arizona State University

05. Digital Archaeology and the Rhetoric of Democracy Dr. Hacigüzeller, Piraye - Ghent University
(Presenting author)

06. Archaeological interactions between objects, amateurs and professionals on Facebook: a
meta-analysis and conceptual framework Prof. Dallas, Costis - Faculty of Information, University
of Toronto; Digital Curation Unit, IMIS - Athena Research Centre (Presenting author); Ms Kelpšienė,
Ingrida - Faculty of Communication, Vilnius University

07. Shoring fragments against our ruins: excavation and interdisciplinary research during the
extension of the Metropolitan Railway to Piraeus, Greece Mr Peppas, Georgios - Ephorate Of
Antiquities of West Attika Piraeus and the Islands/Greek Ministry Of Culture and Sports (Presenting
author)

08. Terra Mosana: a crossborder identity newly explained. Drs Wetzels, Eric - Municipality of Maas-
tricht (Presenting author)

09. Big Data in archaeology: Archaeological Seshat and beyond Filipowicz, Patrycja - Adam Micki-
ewicz University (Presenting author); Krueger, Marta - Adam Mickiewicz University; Prof. Marciniak,
Arkadiusz - Adam Mickiewicz University
ÉDITIONS DE BOCCARD
distributes leading publishers in the field of archaeology and classical studies

Franck Monnier, *L’ère des Géants*
*Une description détaillée des grandes pyramides d’Égypte*
2017. 272 p., ill. n&b. et coul., br. – 39 €  978-2-7018-0493-4

In *L’ère des Géants*, the monumental architecture of Ancient Egypt is revealed in all its splendour. Monnier presents each of the great pyramids from Djoser’s to Khafre’s in the chronological order of their construction in the third and fourth dynasties. Without attempting to be exhaustive, Monnier has brought together the necessary elements – architecture, archaeology, iconographic, textual and epigraphic sources – to provide researchers with a state of the field that had not been attempted since the work of Jean-Philippe Lauer, and to satisfy the curiosity of the enlightened amateur.

Booth #11  info@deboccard.com  www.deboccard.com
10. **Digital documentation practices on grave excavations – different methods and their use** Lehto, Heli - Muuritutkimus Ky; University of Helsinki (Presenting author); Helamaa, Maija - Muuritutkimus Ky; Uotila, Kari - Muuritutkimus Ky; University of Helsinki

11. **A bridge between landscapes and methodological approaches. The Roman bridge of Colonia Iulia Turris Libisonis, Porto Torres, Sardinia, Italy.** Research fellow petruzzii, enrico - Università di Sassari (Presenting author)

12. **E-RIHS: Developing an integrated research infrastructure for heritage and archaeological science** Ms Teehan, Mary - The Discovery Programme (Presenting author); Mr Corns, Anthony - The Discovery Programme; Dr Monaghan, Evie - The Discovery Programme

13. **Computers aren’t magic - why an intensified dialogue between archaeologists and computer scientists is necessary** Mr. Schubert, Lutz - University of Ulm (Presenting author); Mrs. Hunt, Gill - Hunt Lancaster; Prof Jeffery, Keith - Keith G Jeffery Consultants

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**PASTORALISTS AS CATALYSTS OF CHANGE. ARCHAEOLOGICAL SCIENCE REVOLUTIONIZES STUDIES OF THE ANCIENT STEPPE**

**Theme:** 4. The ‘Third Science Revolution’ in Archaeology

**Room:** 2.4

**Date:** Thursday, August 31

**Time:** 14:00 - 18:15

**Organiser:** Haruda, Ashleigh (United Kingdom) - University of Exeter; Ventresca Miller, Alicia R. (Germany) - Christian-Albrechts-Universitat zu Kiel

**Format:** Session, made up of a combination of papers, max. 15 minutes each

**ABSTRACTS**

01. **Assessing population connectivity and non-prestige exchange networks in prehistoric Central Asia with geometric morphometric methods** Dr. Haruda, Ashleigh - University of Exeter (Presenting author)

02. **Genetic diversity of ancient goats and the translocation vectors of pastoralism to the Eurasian steppe** Hermes, Taylor - Kiel University (Presenting author); Makarewicz, Cheryl - Kiel University; Boehme, Lisa - Kiel University; Frachetti, Michael - Washington University in St. Louis; Voyakin, Dimitry - Archaeological Expertise, LLC; Erlomaeva, Antonina - Institute of Archaeology, Kazakhstan National Academy of Science; Nebel, Almut - Kiel University

03. **Modeling Pasture - Microclimates and Seasonal Mobility** Mr. Caspari, Gino - Sydney University (Presenting author); Prof. Dr. Betts, Alison - Sydney University; Dr. Jia, Peter - Sydney University

04. **Environmental and Landscape Impact of Nomadic Pastoralism in the Forest-Steppe of Northern Mongolia** Ostericher, Ian - University of Cambridge (Presenting author)
05. *Land use and the development of a cultural landscape in central Mongolia* Prof. Piezonka, Henny - Christian-Albrechts-Universität zu Kiel; Ahrens, Birte - Christian-Albrechts-Universität zu Kiel (Presenting author)

06. *Who Populated the Settlements of the Scythian Epoch in the Eurasian Steppe?* Dr. Ochir-Goryaeva, Maria - Chalikov Institute of Archaeology; Kalmyk Research Centre Russian Academy of Sciences (Presenting author)

07. *Pottery production and cultural processes in the Trans-Uralian steppe: the case study* Dr. Panteleeva, Sofya - Institute of History and Archaeology, Ural Branch of RAS (Presenting author)

08. *Reconstructing Bronze Age pastoralist life in the North Caucasian piedmont zone using multi-isotope analysis* Dr. Gerling, Claudia - University of Basel, Switzerland (Presenting author); Dr. Knipper, Corina - Curt-Engelhorn-Centre Archaeometry gGmbH, Mannheim, Germany; PD Dr. Reinhold, Sabine - German Archaeological Institute, Eurasia Department, Berlin, Germany; Dipl. Biol. Berezhina, Natalia - Research Institute and Museum of Anthropology Lomonosov Moscow State University, Russia; Prof. Dr. Buzhilova, Alexandra - Research Institute and Museum of Anthropology Lomonosov Moscow State University, Russia; Dr. Nagler, Anatoli - German Archaeological Institute, Eurasia Department, Berlin, Germany; Prof. Dr. W Alt, Kurt - University of Basel, Switzerland; Danube Private University, Krems, Austria; Dr. Pichler, Sandra - University of Basel, Switzerland; Dr. Belinskij, Andrej - Ltd. Nasledie Stavropol, Russia; Prof. Dr. Hansen, Svend - German Archaeological Institute, Eurasia Department, Berlin, Germany

09. *Models of steppe technological and migration mobility of the Late Bronze Age in the Southern Urals* Dr. Shuteleva, Iia - Laboratory of Methodology and Methods of Humanitarian Research, Institute of historical and legal education Bashkir State Pedagogical University named after M.Akmulla; Dr. Shcherbakov, Nikolai - Laboratory of Methodology and Methods of Humanitarian Research, Institute of historical and legal education Bashkir State Pedagogical University named after M.Akmulla (Presenting author); Dr. Leonova, Tatiana - Laboratory of Methodology and Methods of Humanitarian Research, Institute of historical and legal education Bashkir State Pedagogical University named after M.Akmulla

10. *Pastoral mobility in Bronze Age landscapes of Northern Kazakhstan: 87Sr/86Sr and δ18O analyses of human dentition* Dr. Ventresca Miller, Alicia - Christian Albrechts University Kiel (Presenting author)

12. *Bones of the Bronze Age: New approaches to studying micro-regional interaction in southeast Kazakhstan* Hansen, David - Nazarbayev University (Presenting author); Hermes, Taylor - University of Kiel; Doumani Dupuy, Paula - Nazarbayev University; Frachetti, Michael - Washington University in St. Louis

**POSTERS**

*Pastoralists of the Povolzhye as catalysts of transformations* Professor Dr Vybornov, Alexander - Samara State University of Social Sciences and Education (Presenting author)
DO WE SPEAK THE SAME LANGUAGE? FOR A CONSTRUCTIVE DIALOGUE BETWEEN TOURISM AND ARCHAEOLOGY

Theme: 3. Trans- and Metadisciplinary Approaches in Archaeology
Room: 1.11
Date: Friday, September 1
Time: 8:30 - 11:15
Organiser: Dunning Thierstein, Cynthina (Switzerland) - ArchaeoConcept; Dunning, Ellinor (Switzerland) - ArchaeoConcept; Mihelic, Sanjin (Croatia) - Archaeological Museum in Zagreb
Format: Round table

ABSTRACTS

01. What you always wanted to know about tourism but never dared to ask Dr. Dunning Thierstein, Cynthina - ArchaeoConcept; Mr De Brouwer, Fabrice - Archaeoconcept (Presenting author)

02. TOURISM EXPERTS VERSUS ARCHAEOLOGISTS Castillo, Alicia - Complutense University of Madrid (Presenting author)

03. 210 BC - The conquest of Akragas - A case of archaeological popularization in Sicily Miss Speciale, Claudia - PastActivity (Presenting author); Miss Danile, Laura - PastActivity; Mr Virruso, Giovanni - PastActivity

THE ARCHAEOLOGY OF EUROPEAN PEATLANDS FROM AN INTERDISCIPLINARY PERSPECTIVE. HOW TO MOVE FORWARD?

Theme: 6. Interpreting the archaeological record
Room: 2.10
Date: Thursday, August 31
Time: 10:00 - 12:45
Organiser: van Beek, Roy (Netherlands) - Wageningen University & Research; Gearey, Benjamin (Ireland) - Department of Archaeology, University College Cork, Connolly Building, Dyke Parade, Cork, Ireland.
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. European Peatlands - Archaeology, Heritage, Conservation: Developing New Agendas? Dr Gearey, Benjamin - Dept Archaeology, University College Cork (Presenting author)

02. Peatland archaeo-environmental studies and ecocritical thought: examples from Irish peatlands Stastney, Phil - University of Reading (Presenting author)

03. Hydrology and humans: interpreting the ‘bulk’ archaeological and climate records from raised peatlands in Ireland Dr Young, Daniel - University of Reading (Presenting author); Dr Stastney, Phil - University of Reading
04. Reconstructing spatio-temporal bog development in the Holocene  MSc Quik, Cindy - Soil Geography & Landscape Group, Wageningen University & Research, Postbus 47, 6700AA, Wageningen, The Netherlands (Presenting author)

05. Bog archaeology in the Netherlands: towards a novel approach  Dr Van Beek, Roy - Wageningen University & Research (Presenting author)

06. Reconstructing spatio-temporal trends in bog exploitation and reclamation in the Low Countries  Mr Paulissen, Maurice - Wageningen University (Presenting author)

07. Preservation of a block of raised bog and a prehistoric trackway in the middle of peat cutting  Dr. HEUMUELLER, MARION - Lower Saxony State Service for Cultural Heritage (Presenting author); Pilling, Robin - NLWKN, Lower Saxony Water Management, Coastal Defence and Nature Conservation Agency

POSTERS

The peat deposits from Brussels (Belgium): the Holocene evolution of the landscape in the Senne valley  Dr Marinova, Elena - Royal Belgian Institute of Natural Sciences; Mr Devos, Yannick - Université Libre de Bruxelles, Centre de Recherches en Archéologie et Patrimoine (Presenting author); Dr Degraeve, Ann - Department of Archaeology, Brussels Regional Public Service; Ms Modrie, Sylvianne - Department of Archaeology, Brussels Regional Public Service; Mr Van Bellingen, Stephan - Royal Museums of Art and History, Brussels

White Sea islands: history of vegetation and human occupation  Ms Smyshlyaeva, Olyesya - Moscow State University, Moscow, Russia (Presenting author); Dr Kozhin, Mikhail - Moscow State University, Moscow, Russia; Ms Medvedeva, Elizaveta - Moscow State University

249  ROMAN LOGISTICS UNRAVELED. THE ORGANIZATION OF TRADE AND TRANSPORTATION OF BULK GOODS

Theme: 6. Interpreting the archaeological record
Room: 1.06
Date: Thursday, August 31
Time: 17:00 - 18:15
Organiser: Kars, Eva (Netherlands) - EARTH Integrated Archaeology B.V.; Vanderhoeven, Timo (Netherlands) - EARTH Integrated Archaeology B.V.; Clerbaut, Tim (Belgium) - Historical Archaeology Research Group (HARG) at Ghent University
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. Burdens of the Beasts and Men in Roman logistics  PhD Student Varakas, Katja - University of Helsinki (Presenting author)
<table>
<thead>
<tr>
<th>Session</th>
<th>Title</th>
<th>Presenters</th>
</tr>
</thead>
<tbody>
<tr>
<td>02.</td>
<td>The Roman military logistics with special respect to building materials within the barbarian territory of the Middle Danube Region</td>
<td>Mgr. PhD. Vlach, Marek - Institute of Archaeology of the Czech Academy of Sciences Brno (Presenting author); Mgr. Ph.D. Komoróczy, Balázs - Institute of Archaeology of the Czech Academy of Sciences Brno; Dr. Hülsen, Claus-Michael - Römisch-Germanische Kommission des Deutschen Archäologischen Instituts</td>
</tr>
<tr>
<td>03.</td>
<td>An introduction to Roman building logistics: some theory and archaeological evidence based on the study of (ceramic) building materials.</td>
<td>Doctorandus Clerbaut, Tim - Ghent University; FORT-VNA (Presenting author)</td>
</tr>
<tr>
<td>04.</td>
<td>Logistics behind Roman building material in the Netherlands</td>
<td>Mrs Kars, Eva - EARTH Integrated Archaeology B.V.; Mr Vanderhoeven, Timo - EARTH Integrated Archaeology (Presenting author)</td>
</tr>
</tbody>
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### 251 Describe Your Data. The CRM Approach to Archiving and Exchange of Archaeological Field Databases

| Theme: | 5. Comparing Archaeology Across Regions and Periods |
| Room: | 1.15 |
| Date: | Friday, September 1 |
| Time: | 8:30 - 12:45 |
| Organiser: | Van Leusen, Martijn (Netherlands) - University of Groningen; Felicetti, Achille (Italy) - University of Florence, Polo universitario of Prato; De Haas, Tymon (Netherlands) - University of Groningen; University of Cologne |
| Format: | Round table |

### 255 New Directions in Archaeological Studies 1500 – 2000

| Theme: | 6. Interpreting the archaeological record |
| Room: | 2.14 |
| Date: | Friday, September 1 |
| Time: | 8:30 - 12:45 |
| Organiser: | Mytum, Harold (United Kingdom) - University of Liverpool; Orange, Hilary (Germany) - Ruhr-Universität Bochum, Germany; University College London, UK |
| Format: | Session, made up of a combination of papers, max. 15 minutes each |
ABSTRACTS

01. Environmental Justice and historical archaeology of the subaltern Professor Svensson, Eva - Risk- and Environmental Studies, Karlstad University (Presenting author); Dr Nilsson, Pia - Arkeologerna, Statens Historiska Museer; Associate Professor Hansson, Martin - Department of Archaeology and Ancient History, Lund University

02. Materiality as a basis in constructing a new memory of the Carlist Conflict Roldan-Vergarachea, Ivan - University of the Basque Country (UPV/EHU); Arcadis (Presenting author); Dr Escribano-Ruiz, Sergio - University of the Basque Country (UPV/EHU)

03. Ar scáth a chéile a mhaireann na daoine: Household and materiality in 18th-19th century Achill Island, Ireland. Ms Campbell, Eve - Achill Archaeological Field School (Presenting author)

04. Combining historical sources with archaeological material at an early modern rural site – an example from Southern Finland MA Heinonen, Tuuli - University of Helsinki (Presenting author)

05. A fortified landscape in the Modern Era: the different perception of heritage between two countries Miss Blanco-Rotea, Rebeca - Santiago de Compostela University (Spain); Minho University (Portugal) (Presenting author)

06. Contemporary Commemorations of the Napoleonic Wars Nienhaus, Luisa - UCL Institute of Archaeology (Presenting author)

08. Diaspora and identity: an archaeological and historical investigation into material life, ethnicity, and diet in the district of Vlooienburg, Amsterdam. Mr Bakker, Jan - University of Amsterdam (Presenting author); Prof Gawronski, Jerzy - University of Amsterdam; City of Amsterdam Office for Monuments and Archaeology; Mr Jayasena, Ranjith - City of Amsterdam Office for Monuments and Archaeology; Ms Stolk, Marijn - University of Amsterdam; Prof Symonds, James - University of Amsterdam

09. Lighting the Ruhr: The use of artificial light at industrial heritage sites in the Ruhr Dr Orange, Hilary - Ruhr Universitat Bochum (Presenting author)

10. Connecting the Living and the Dead: networks in Manx and Welsh historic graveyards Professor Mytum, Harold - University of Liverpool (Presenting author)

POSTERS

Archaeology of Modern Times Confessionalisation. Baltic Region case study. Dr Romanowicz, Paulina - Institute of Archaeology and Ethnology, Polish Academy of Sciences (Presenting author)
### MALTA. A ROADMAP TOWARDS A GLOBAL CONVENTION

**Theme:** 2. The Valletta Convention: the next 25 years  
**Room:** 2.1  
**Date:** Thursday, August 31  
**Time:** 14:00 - 16:45  
**Organiser:** Willems, Annemarie (Finland) - AW Heritage Consultancy; ED for Friends of ICAHM; Associate member International Scientific Committee on Archaeological Heritage Management (ICAHM); Comer, Douglas (United States) - President, International Scientific Committee on Archaeological Heritage Management (ICAHM); Principal, Cultural Site Research and Management; Chairman, United States Committee for the International Council on Monuments and Sites (US/ICOMOS); Dunning - Thierstein, Cynthia (Switzerland) - Director, ArchaeoConcept; VP Europe and Expert Member, International Scientific Committee on Archaeological Heritage Management (ICAHM); Gowen, Margaret (Denmark) - EAA Board Member; Expert Member, International Scientific Committee on Archaeological Heritage Management (ICAHM)  
**Format:** Session with a key note speaker with contributions from discussants and discussion  
**Speaker:** Leonard de Wit

#### ABSTRACTS

**01. Why do archaeologists need international law?** Mr de Wit, Leonard - European Archaeological Council (Presenting author). Keynote Lecture.

**02. Malta Convention: an evaluation** Professor Demoule, Jean-Paul - Université de Paris I Sorbonne (Presenting author)

**03. From Europe to the world?** Dr Young, Christopher John - Christopher Young Heritage Consultancy (Presenting author)

**04. Signposts to public participation** Dr Olivier, Adrian - University College London (Presenting author)

### BEYOND LOW LANDS. THE EUROPEAN RELEVANCE OF THE STUDY OF BRONZE AGE AND IRON AGE COMMUNITIES IN THE LOW COUNTRIES

**Theme:** 5. Comparing Archaeology Across Regions and Periods  
**Room:** 0.6  
**Date:** Thursday, August 31  
**Time:** 8:30 - 12:45  
**Organiser:** Arnoldussen, Stijn (Netherlands) - Groningen University; Stichting Metaaltijdenonderzoek Nederland; De Mulder, Guy (Belgium) - UGent, Vakgroep Archeologie; Cellule Archéologie des âges des métaux; Warmenbol, Eugène (Belgium) - Faculté de Philosophie et Sc. sociales, Université Libre de Bruxelles; Cellule Archéologie des âges des métaux;
Theunissen, Liesbeth (Netherlands) - Cultural Heritage Agency of the Netherlands; Stichting Metaaltijdenonderzoek Nederland; Müller, Axel (Netherlands) - Stichting Metaaltijdenonderzoek Nederland; ADC

**Format:** Session, made up of a combination of papers, max. 15 minutes each

**ABSTRACTS**

01. **Introduction (by session organisers)** Mr Arnoldussen, Stijn - Groningen Institute of Archaeology (Presenting author)

02. **Before Brexit: some reflections on 3rd and 2nd millennia links between Britain and the Low Countries** Dr. sheridan, alison - Dept. Scottish History & Archaeology, (Presenting author)

03. **From “Les Pays-Bas avant et pendant la domination romaine” to “La Belgique ancienne”: emergence of a Bronze Age concept** Dr Leclercq, Walter - Université libre de Bruxelles (Presenting author)

04. **Do lowlands stand out? A grey-literature perspective** Dr Vander Linden, Marc - University College London (Presenting author)

05. **A retrospective view on the last decennia of Bronze and Iron Age archaeology in Flanders** Prof.dr. De Mulder, Guy - Ghent University; Prof. dr. Bourgeois, Jean - Ghent University (Presenting author)

06. **Oss in Perspective. The deep history of a prehistoric and early-Roman period cultural landscape** Drs Jansen, Richard - Leiden University (Presenting author); Prof Fokkens, Harry - Leiden University

07. **Niche Resourcing and Knowledges** Mr Evans, Christopher - University of Cambridge; Cambridge Archaeological Unit (Presenting author)

08. **Composing the dead person in urnfield graves from the Low Countries** Louwen, Arjan - Leiden University (Presenting author)

09. **Early Iron Age elite burials in the Low Countries with Central European connections** Van der Vaart-Verschoof, Sasja - Faculty of Archaeology, Leiden University (Presenting author)

10. **House landscapes in northwestern Europe in the later Iron Age** Mr Vanmoerkerke, Jan - Ministry of culture france (Presenting author)

11. **So many houses, so little time: How rescue archaeology changes the Image of Iron Age settlements in western Lower Saxony** Dr Fries, Jana - Niedersächsisches Landesamt für Denkmalpflege (Presenting author)

12. **A critical review of Iron Age religious structures in Northwest Europe** MA BEng De Leeuw, Roosje - Netherlands Forensic Institute (Presenting author)
THE ORIGINS OF MEDIEVAL VILLAGES. NEW APPROACHES AND IDEAS

Theme: 5. Comparing Archaeology Across Regions and Periods
Room: 1.17
Date: Saturday, September 2
Time: 14:00 - 16:45
Organiser: Renes, Hans (Netherlands) - Vrije Universiteit Amsterdam; Van Doesburg, Jan (Netherlands) - Cultural Heritage Agency, Amersfoort; Lewis, Carenza (United Kingdom) - Lincoln University; Verspay, Johan (Czech Republic) - University of West Bohemia
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. Test pit excavation and the reconstruction of village origins in England. Professor Lewis, Carenza - University of Lincoln (Presenting author)

02. Describing early medieval villages through their pottery: Italy and Spain in a comparative approach. Marie Curie Fellow Grassi, Francesca - University of the Basque Country (Presenting author)

03. The long origins of medieval villages in northern Iberia: a tale from social landscape archaeology. Dr. Quirós-Castillo, Juan Antonio - University of the Basque Country; Dr. Tejerizo, Carlos - Institute of Heritage Sciences (Incipit, CSIC) (Presenting author); Dr. Rodríguez-Fernández, José - University of the Basque Country; Ms. Elorza-González de Alaiza, Lorena - Independent Researcher; Mr. Mansilla-Hortigüela, Rafael - Independent Researcher; Dr. Grau-Sologestoa, Idoia - University of the Basque Country; Dr. Larreina-García, David - University College London; Dr. Nicosia, Cristiano - Université Libre de Bruxelles

04. In search of medieval village formation in the Netherlands. An assessment of 10 years of development-led excavations. Drs. Verspay, Johan - University of West Bohemia; University of Amsterdam (Presenting author)

05. The complex origins of villages and open fields. Dr. Re 6 - Utrecht University (Presenting author)

06. Spatial analysis of medieval village agricultural impact - what it can reveal. Horak, Jan - Czech University of Life Sciences, Dept. of Ecology; Charles University, Institute of Archaeology (Presenting author); Janovský, Martin - Charles University, Institute of Archaeology; Klír, Tomáš - Charles University, Institute of Archaeology; Šmejda, Ladislav - Czech University of Life Sciences, Dept. of Ecology; Legut-Pintal, Maria - Wrocław University of Technology, Institute of History of Architecture Art and technology

07. The origins of medieval villages: new approaches and ideas. The role of worldly and ecclesiastical elites. Drs Doesburg, Jan - Cultural Heritage Agency of the Netherlands (Presenting author)
08. The origin of the villages called “Tynec” – resettlement and a new beginning MA Siłakowska, Marta - University of West Bohemia in Pilsen (Presenting author)

260 THE POWER OF POPULATIONS. INTEGRATING BIOARCHAEOLOGICAL AND HISTORICAL METHODS FOR THE ASSESSMENT OF OUR MEDIEVAL PAST.

Theme: 4. The ‘Third Science Revolution’ in Archaeology
Room: 2.14
Date: Thursday, August 31
Time: 8:30 - 12:45
Organiser: Altena, Eveline (Netherlands) - Leiden University Medical Center; Inskip, Sarah (United Kingdom) - Cambridge University
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. Povegliano Veronese - a post classical necropolis from the Northern Italy (VI-VIII centuries AD)
PhD Student Micarelli, Ileana - Dipartimento di Scienze dell'Antichità, Sapienza Università di Roma, Piazzale Aldo Moro, 5, 00185 Roma, Italy (Presenting author); Ms Francisci, Guendalina - Dipartimento di Scienze della Terra, Sapienza Università di Roma, Piazzale Aldo Moro, 5, 00185 Roma, Italia; Prof. Giostra, Caterina - Dipartimento di Storia, archeologia e storia dell’arte, Università Cattolica del Sacro Cuore, Largo Agostino Gemelli, 1 - 20123 Milano; Prof. Manzi, Giorgio - Dipartimento di Biologia Ambientale, Sapienza Università di Roma, Piazzale Aldo Moro, 5, 00185 Roma, Italy; Ass. Prof Tafuri, Maryanne - Dipartimento di Biologia Ambientale, Sapienza Università di Roma, Piazzale Aldo Moro, 5, 00185 Roma, Italy

02. Introduction to the session ‘The Power of Populations: Integrating Bioarchaeological and Historical Methods for the Assessment of our Medieval Past’. Altena, Eveline - Leiden University Medical Center (Presenting author); Inskip, Sarah - Cambridge University

03. Leprosy and tuberculosis in medieval Portugal: an overview of bioarchaeological and historical evidence
Matos, Vitor - University of Coimbra, Research Centre for Anthropology and Health, Dep. Life Sciences, Portugal (Presenting author)

04. In Sickness and In Health: Applying bioarchaeological and historical methods to the medieval hospital of St James, Thornton Abbey, England. Miss Hook, Emma - The University of Sheffield (Presenting author)

06. Does being wealthy mean you are healthy? - An interdisciplinary bioarchaeological study on post-medieval crypts from Germany
Alterauge, Amelie - University of Bern, Institute of Forensic Medicine, Department of Physical Anthropology; University of Heidelberg, Institute of Pre- and
Protohistory and Near Eastern Archaeology (Presenting author); Lösch, Sandra - University of Bern, Institute of Forensic Medicine, Department of Physical Anthropology

07. Multidisciplinary approach for the population study from the Late Antique to the Early Medieval period in Bergamo area (Italy) Dr. Marinato, Maurizio - Università di Padova (Presenting author); Dr. Hakenbeck, Susanne - University of Cambridge; Dr. Chavarria, Alexandra - Università di Padova; Dr. O’Connell, Tamsin - University of Cambridge

08. Beyond the narrative - A comprehensive, bioarchaeological perspective on life and living conditions in the Eastern Alps, 5-6th century AD Dr. Binder, Michaela - Austrian Archaeological Institute, Austrian Academy of Sciences (Presenting author)

09. Confronting Graveyard Bias: a Multi Cemetery Approach to Reconstructing Medieval Life Dr. Inskip, Sarah - University of Cambridge (Presenting author); Professor Robb, John - University of Cambridge; Mr. Cessford, Craig - University of Cambridge; Cambridge Archaeological Unit; Dr. Dittmar, Jenna - University of Cambridge; Dr. Scheib, Freddi - University of Cambridge; Mr. Mulder, Bram - University of Cambridge; Miss Rose, Alice - University of Cambridge; Dr. O’Connell, Tamsin - University of Cambridge; Dr. Kivisild, Toomas - University of Cambridge; Dr. Mitchell, Piers - University of Cambridge; Dr. Stock, Jay - University of Cambridge; Dr. Hakenbeck, Susanne - University of Cambridge

10. The maqbara of Pamplona (Navarra, Spain, 8th century AD): human mobility and mtDNA analysis Dr. Díaz-Zorita Bonilla, Marta - Tübingen Universität (Presenting author); Dr. De Miguel Ibáñez, María Paz - University of Alicante; Dr. Prevedorou, Eleanna - Arizona State University; Dr. Fontecha, Lara - University of the Basque Country; Dr. Knudson, Kelly - Arizona State University; Dr. Izagirre Arribalzaga, Neskuts - University of the Basque Country; Dr. Romero Rameta, Alejandro - University of Alicante; Prof. Buikstra, Jane - Arizona State University; Prof. De la Rúa, Concepción - University of the Basque Country

11. A stable story: insights into the development of a (post)medieval population in the Netherlands Altena, Eveline - Leiden University Medical Center (Presenting author); Kootker, Lisette - Vrije Universiteit Amsterdam; Panhuyzen, Raphael - Anthro.nl; University of Amsterdam; Smeding, Risha - Leiden University Medical Center; De Knijff, Peter - Leiden University Medical Center

12. Combining disciplines to better understand the population in medieval Trondheim, Norway. Dr Suppersberger Hamre, Stian - University of Bergen (Presenting author)

POSTERS

Fracture distribution patterns as socio-economic markers? An example from medieval England Girotto, Chiara G. M. - Goethe University Frankfurt (Presenting author); Dr Gowland, Rebecca L. - Durham University; Dr Jakob, Tina - Durham University
STONE IS THE STORYTELLER. THE MATERIALITY OF STONE THROUGH TIME (AND MIND)?

Theme: 6. Interpreting the archaeological record
Room: 2.10
Date: Saturday, September 2
Time: 8:30 - 12:45
Organiser: Foreman, Penelope (United Kingdom) - Bournemouth University; Whitaker, Katy (United Kingdom) - University of Reading; Sciuto, Claudia (Italy) - Umeå universitet
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. Once upon a time, sarsen stones spoke. Hush! Do you want to hear them? Miss Whitaker, Katy - University of Reading (Presenting author)
02. The materiality of Japanese jadeite through the ages Dr Bausch, Ilona - University of Tokyo (Presenting author)
03. Healing powers and love potions - The re-use of Stone Age artefacts as magical objects Kunnas-Pusa, Liisa - University of Helsinki (Presenting author)
04. Individualisation or common good? Stones as material expression of female religiousness in Roman Dalmatia Ms Mech, Anna - University of Warsaw (Presenting author)
05. Political Agency of a Stone – Stećci in the Western Balkan region Dr Čaval, Saša - Scientific Research Center of the Slovenian Academy of Sciences and Arts, Ljubljana, Slovenia (Presenting author); Prof Srdić, Ljubica - Republički zavod za zaštitu kulturno-istorijskog i prirodnog nasljeđa, Banja Luka, Republika Srbska, Bosna i Hercegovina; MA Drinić, Aleskandra - School of Interdisciplinary Studies - Tourism, Heritage and Development, University of Glasgow, Scotland
06. Matter is the Storyteller: Translating the tales of stone Ms Foreman, Penelope - Bournemouth University (Presenting author)
07. Growing stones: stone ecologies in the Karst prehistory Dr Mlekuž, Dimitrij - University of Ljubljana (Presenting author)
08. Stones in a Field: The Gravity and Dark Energy of Stigmergic Process In Human Evolution Dr Pope, Matt - UCL Institute of Archaeology (Presenting author)
09. Rock-cut monuments in Cappadocia: from studying the carving process to a better understanding of a society. Ph-D LAMESA, Anaïs - INP; IFEA (Presenting author)
10. Crags, caves and cows. Tracing biographies of stones in the Puy-de-Dome (Auvergne, France). Sciuto, Claudia - Umeå University (Presenting author); Dr Allios, Dominique - University of Rennes 2
A Neolithic community from the perspective of lithic raw material – A biography of knappable raw material. Szilagyi, Kata - Eötvös Loránd University - Institute of Archaeological Sciences (Presenting author)

263 EARLY MEDITERRANEAN METALLURGY. TECHNOLOGICAL INNOVATION AND CROSS-CRAFTSMANSHIP

Theme: 5. Comparing Archaeology Across Regions and Periods
Room: 2.11
Date: Thursday, August 31
Time: 14:00 - 18:15
Organiser: Dolfini, Andrea (United Kingdom) - Newcastle University; Murillo-Barroso, Mercedes (Spain) - Spanish National Research Council (CSIC); Klimscha, Florian (Germany) - German Archaeological Institute (DAI), Eurasia Department (Excellence Cluster TOPOI)
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. Approaching the Prehistoric Innovation-process of Metallurgy Dr. Klimscha, Florian - Excellence-Cluster TOPOI; Deutsches Archäologisches Institut - Eurasien Abteilung (Presenting author)

02. Kilns and Daggers... 'early', metallurgic potential in the pontic region Ms Uhl, Regina - DAI German Archaeological Institute (Presenting author)

03. Aspects of cross-craftsmanship and technological innovation related to flint and copper daggers in the Italian Chalcolithic Dr. Steiniger, Daniel - Deutsches Archäologisches Institut (Presenting author)

04. Invention, adoption, and technology transfer in early Italian metallurgy: new insights from radiocarbon Dr Iaia, Cristiano - School of History, Classics and Archaeology, Newcastle University (Presenting author); Dr Dolfini, Andrea - School of History, Classics and Archaeology, Newcastle University

05. Petrographic analysis of domestic wares, technical ceramics and building materials from the Chalcolitic site of Las Pilas (Mojácar, Almería) Del Pino Curbelo, Miguel - Marie Curie Fellow. Department of Archaeology, University of Sheffield. Northgate House, West Street, Sheffield SI 4ET, United Kingdom (Presenting author); Day, Peter M. - Department of Archaeology, University of Sheffield. Northgate House, West Street, Sheffield SI 4ET, United Kingdom; Camalich Massieu, María Dolores - Departamento de Geografía e Historia, UDI de Prehistoria, Arqueología e Historia Antigua, Universidad de La Laguna Campus de Guajara,38200 La Laguna, Spain; Martín Socas, Dimas - Departamento de Geografía e Historia, UDI de Prehistoria, Arqueología e Historia Antigua, Universidad de La Laguna Campus de Guajara,38200 La Laguna, Spain; Molina González, Fernando - Departamento de
Medieval Masterchef
Archaeological and Historical Perspectives on Eastern Cuisine and Western Foodways
Joanita Vroom, Yana Waksman, Roos van Oosten (eds)

New Cities in Late Antiquity
Documents and Archaeology
Efthymios Rizos (ed.)

Le Plomb et la Pierre
Petits objets de dévotion pour les pèlerins du Mont-Saint-Michel, de la conception à la production (XIVe-XVe siècles)
Françoise Labaune-Jean (éd.)
ISBN 978-2-84133-775-0

The Introduction of Christianity into the Early Medieval Insular World
Converting the Isles I
Roy Flechner, Maire Ni Mhaonaigh (eds)
ISBN 978-2-503-55462-4

Contextualizing the Sacred in the Hellenistic and Roman Near East
Religious Identities in Local, Regional, and Imperial Settings
Rubina Raja

Archaeological Campaigns below the Florence Duomo and Baptistry, 1895-1980
Fratkin Toker

Agrarian Technology in the Medieval Landscape
Jan Kláště (ed.)

The Diversity of Classical Archaeology
Achim Lichtenberger, Rubina Raja

Churches and Social Power in Early Medieval Europe
Integrating Archaeological and Historical Approaches
José Sánchez-Pardo, Michael Shapland (eds)
ISBN 978-2-503-54555-4

Les Ports des Mers Nordiques à l’Époque Viking (VIIe-Xe siècle)
Lucie Malbos
Prehistoria y Arqueología, Universidad de Granada Campus Universitario de Cartuja, 18071 Granada, Spain

06. Metallurgists and their colleagues in Early Bronze Age and Middle Bronze Age Egypt Mgr. et Mgr. Odler, Martin - Czech Institute of Egyptology, Faculty of Arts, Charles University, Prague (Presenting author)

07. Recent Metal Discoveries in Bronze Age Crete Professor S Soles, Jeffrey - University of North Carolina at Greensboro (Presenting author)

08. Regionalism in the ‘Global’ Bronze Age: Mediterranean Iberia as an example. Dr Murillo-Barroso, Mercedes - University of Granada; Dr Sureda, Pau - Universitat Pompeu Fabra (Presenting author)

09. Technological Innovation in Iron Age Silver Production - The Contribution of South Levantine Silver Hoards Eshel, Tzilla - Department of Archaeology, University of Haifa (Presenting author); Dr. Yahalom-Mack, Naama - Institute of Archaeology, Hebrew University of Jerusalem; Prof. Erel, Yigal - Institute of Earth Sciences, Hebrew University of Jerusalem; Prof. Gilboa, Ayelet - Department of Archaeology, University of Haifa

10. Trade of goods, trade of knowledge: the site of Sant’Imbenia (Alghero) between the East and the West Ms Baldinu, Emanuela - Università di Sassari; Mr Deaddis, Roberto - Università di Sassari (Presenting author); Ms Fogarizzu, Giulia - Università di Sassari; Prof Garau, Elisabetta - Università di Sassari; Dr Sipala, Valeria - Università di Sassari; Prof Mulas, Gabriele - Università di Sassari; Prof Rendeli, Marco - Università di Sassari; Dr Anguilano, Lorna - Brunel University London

265 ENVIRONMENTAL CHALLENGES FOR THE MEDIEVAL NORTH ATLANTIC WORLD

Theme: 6. Interpreting the archaeological record
Room: 1.15
Date: Thursday, August 31
Time: 14:00 - 18:15
Organiser: Schofield, Edward (United Kingdom) - University of Aberdeen; Mighall, Tim (United Kingdom) - University of Aberdeen; Edwards, Kevin (United Kingdom) - University of Aberdeen; Erlendsson, Egill (Iceland) - University of Iceland
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. Botanical evidence of agricultural change from prehistoric cultivation layers in western Norway Dr Fredh, Erik Daniel - University of Stavanger (Presenting author); Prøsch-Danielsen, Lisbeth - University of Stavanger

03. Continuity or change? Landscape change during early medieval times in northeast Scotland Dr. Mighall, Tim - University of Aberdeen (Presenting author); Ms McHardie, Laura - University of Aber-
04. **In search of the Vikings: a multi-proxy palaeoenvironmental investigation from the Loch of Tuquoy, Westray, Orkney.** Dr Timpany, Scott - Archaeology Institute UHI (Presenting author); Dr Mighall, Tim - School of Geosciences, University of Aberdeen

05. **A spatially explicit palaeoenvironmental reconstruction of human-environment interactions in the Laxá river valley, northeast Iceland** Hiles, William - School of Geography and Sustainable Development, University of St Andrews (Presenting author); Dr Lawson, Ian - School of Geography and Sustainable Development, University of St Andrews; Dr Streeter, Richard - School of Geography and Sustainable Development, University of St Andrews; Dr Roucoux, Katherine - School of Geography and Sustainable Development, University of St Andrews

06. **Taking advantage of an environmental challenge: did cereal production enable the enforcement of high social status in Iceland?** Dr. Erlendsson, Egill - University of Iceland (Presenting author); Mr. Riddell, Scott - University of Iceland; Professor Edwards, Kevin - University of Aberdeen

07. **Monasticism & Land Use in Iceland** Riddell, Scott - University of Iceland (Presenting author)

08. **Comparative Island Ecodynamics in the North Atlantic: The medieval context** Associate Professor Harrison, Ramona - University of Bergen; Research Associate (Presenting author)

09. **Is there a palynological expression of shieling use/transhumance within the Norse North Atlantic?** Professor Edwards, Kevin - University of Aberdeen (Presenting author); Dr Erlendsson, Egill - University of Iceland; Dr Ledger, Paul - University of Aberdeen; Dr Schofield, Edwards - University of Aberdeen

10. **Norse impacts on the vegetation and landscape of the Western Settlement, Greenland** Dr Schofield, J. Edward - University of Aberdeen (Presenting author); Prof Edwards, Kevin J. - University of Aberdeen

11. **Norse irrigation across the North Atlantic: a multi-disciplinary approach to an emerging issue** Dr Schofield, J. Edward - University of Aberdeen (Presenting author); Prof Edwards, Kevin J. - University of Aberdeen

12. **Future directions for palaeoecology following a decade of discovery in Norse Greenland** Dr Ledger, Paul - University of Aberdeen (Presenting author); Dr Schofield, J. Edward - University of Aberdeen; Professor Gauthier, Emilie - Université de Franche-Comté; Professor Edwards, Kevin - University of Aberdeen

**POSTERS**

**An archaeobotanical approach to the 6th century crisis in southwestern Norway.** Ph.D. student Westling, Sara - Museum of Archaeology, University of Stavanger (Presenting author)
AGGLOMERATIONS. TOWARDS A COMPARATIVE UNDERSTANDING OF SETTLEMENT DYNAMICS

Theme: 5. Comparing Archaeology Across Regions and Periods
Room: 0.4
Date: Friday, September 1
Time: 8:30 - 16:45
Organiser: Schreg, Rainer (Germany) - Roemisch-Germanisches Zentralmuseum; Eberhard-Karls-Universität Tübingen, Germany; Gronenborn, Detlef (Germany) - Römisch-Germanisches Zentralmuseum Mainz, Germany; Johannes-Gutenberg-University Mainz, Germany; Witwatersrand University, South Africa; Eichert, Stefan (Austria) - Vienna University; Bonsall, Clive (United Kingdom) - University of Edinburg
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. The Iron Gates Mesolithic – a case of hunter-gatherer complexity? Professor Bonsall, Clive - University of Edinburgh (Presenting author); Dr Boroneanț, Adina - Romanian Academy of Sciences "Vasile Pârvan" Institute of Archaeology

02. Early Cities or Large Villages?: quantitative narratives on Eneolithic Trypillia mega-sites, Ukraine. Dr. Nebbia, Marco - Department of Archaeology, Durham University (UK) (Presenting author)

03. Young Neolithic Mega Sites of the Michelsberg culture in West-Central Europe Professor Dr Gronenborn, Detlef - Roemisch-Germanisches Zentralmuseum (Presenting author)

04. Some recent case-studies about Late Chalcolithic Near Eastern Agglomerations: which regularities beyond formal differences? Dr. Baldi, Johnny Samuele - Ifpo Beyrouth (Presenting author)

05. Contrada Damale: a new type of Bronze Age settlement in southern Italy Dr de Neef, Wieke - University of Groningen (Presenting author); Dr Van Leusen, Martijn - University of Groningen; Dr Armstrong, Kayt - University of Durham

06. One agglomeration, two major sites? Ms Eymard, Sandra - University of Toulouse Jean Jaurès (Presenting author)

07. Low-density urbanism in Iron Age Europe Dr Fernández-Götz, Manuel - University of Edinburgh (Presenting author)

08. What does “the Early Mediaeval Agglomeration” in East Central Europe mean? Some Theoretical Concepts and Practical Case Studies Prof. Machacek, Jiri - Masaryk University (Presenting author)

09. The early medieval site of Pellendorf/Gaweinstal - A rural settlement in the “Hinterland” of the Moravian agglomerations Břeclav-Pohansko and Mikulčice Kühitreiber, Karin - University of Vienna (Presenting author)

10. Agglomerations in the Early Medieval area of today’s Austria - a comparative study between the Alps and the Lowlands Dr. Eichert, Stefan - University of Vienna; Austrian Academy of Sciences (Presenting author)
11. The Midland Corridor – The appeal of a natural routeway for ritual and habitation activity in prehistoric and medieval Ireland (current PhD. Student) O’Brien, Yolande - National University of Ireland, Galway (Presenting author)

12. The agglomerations of the north western Mediterranean Iron Age and their dynamics: a case-study (Malvieu, Southern France) Dr Gorgues, Alexis - Université Bordeaux Montaigne; UMR 5607 Ausonia (Presenting author); Mr Comte, Florent - UMR 5607 Ausonia; Labex LaScArBx

13. Muro Tenente: The Rise and Fall of an Urban Landscape Professor Burgers, Gert-Jan - Free University Amsterdam; merlino, matteo - university of Amsterdam (Presenting author); kok-merlino, Raphaelle-Anne - university of amsterdam

14. Landscape impact of Late Antique and Medieval Towns Dr. Schreg, Rainer - RGZM (Presenting author)

15. Theorising Urban Agglomeration in Predynastic Upper Egypt using Agent Based Modeling Nitschke, Jessica - University of Cape Town (Presenting author)

17. What makes them special? A statistical approach on the role of fortified Urnfield culture hilltop settlements Girotto, Chiara G. M. - Goethe University Frankfurt (Presenting author)

18. Was Thebes Really Necessary: Uncertainty in Spatial Modelling Dr Evans, Tim - Imperial College London (Presenting author); Prof Rivers, Ray - Imperial College London

19. Iron Age and Early Medieval Centres – advantages and pitfalls of a comparative approach Dr. Dresler, Petr - Department of Archaeology and Museology, Masaryk University (Presenting author); Dr. Danielisova, Alzbeta - Institute of Archaeology CAS; Dr. Marik, Jan - Institute of Archaeology CAS

20. Agglomerations and the Organization of Urban Plans Mr. Ehrlich, Simeon - Stanford University (Presenting author)

21. “Suburbia” revisited. Approaches from contemporary urban geography applied to past agglomerations Dr. Röhl, Constanze - Römisch-Germanisches Zentralmuseum Mainz (Presenting author)

22. Sharing place – creating space. Thoughts on place making and clustered house remains in prehistoric Ireland Dr Bergh, Stefan - National University of Ireland Galway (Presenting author)

23. Agglomeration, social practices and the building of community among coastal hunter-gatherers from the Atacama Desert salazar, diego - Universidad de Chile (Presenting author); andrade, pedro - universidad de concepcion; flores, carola - Proyecto Fondecyt 1151203; olguin, laura - proyecto fondecyt 1151203; borie, cesar - proyecto fondecyt 1151203

**POSTERS**

Agglomeration and Anti-agglomeration: A dynamic archaeological problem Prof. Zubrow, Ezra B W - University at Buffalo and University of Toronto (Presenting author)
270  THE ARCHAEOLOGY OF EUROPEAN MIGRATION IN THE EARLY MODERN PERIOD

Theme:  5. Comparing Archaeology Across Regions and Periods
Room:  1.10
Date:  Friday, September 1
Time:  14:00 - 16:45
Organiser:  Murphy, Eileen (United Kingdom) - Queen's University Belfast; Donnelly, Colm (United Kingdom) - Queen's University Belfast; Geber, Jonny (New Zealand) - University of Otago
Format:  Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. An overview of Migration Theory in Archaeology  Mr McSparron, Cormac - Centre for Archaeological Fieldwork, Queen's University Belfast (Presenting author)

02. European presence in Taiwan in the 17th century: the colony of San Salvador de Kelang  Dr Cruz Berrocal, Maria - Zukunftskolleg/Dept. of History and Sociology (Presenting author); Dr. Gonzalez, Antonio - Universidad Complutense de Madrid; Dr. Valentin, Frederique - CNRS/UMR 7041 ArScAn M

03. In defense of Denmark. Migrant crisis and conflict in 17th century Denmark  Curator Linaa, Jette - Moesgard Museum (Presenting author)

04. To Greener Fields? Revealing life stories through osteobiographies of 19th-century European migrants to Southern New Zealand.  Dr Geber, Jonny - University of Otago (Presenting author); Prof Buckley, Hallie - University of Otago; Dr Petchey, Peter - University of Otago

05. 'The cherub hastened to its native home' - Memorials for an Irish Immigrant Community in Early Nineteenth-century Lowell, Massachusetts  Dr Murphy, Eileen - Queen's University Belfast (Presenting author); Mr McKean, Dave - St Patrick's Parish and Cemetery, Lowell, Massachusetts; Dr McKerr, Lynne - Queen's University Belfast

06. Transatlantic Excavations: Exploring the story of the early 19th-century Irish settlers in Lowell, Massachusetts, USA  Dr Donnelly, Colm - Queen’s University Belfast (Presenting author)

07. Navigating contact: European colonialism, artistic innovation and the maintenance of Indigenous Australian Culture  Dr. Frieman, Catherine - Australian National University; Dr. May, Sally K. - Griffith University (Presenting author)
271 MAPPING OUR HERITAGE. TOWARDS A SUSTAINABLE FUTURE FOR DIGITAL SPATIAL INFORMATION AND TECHNOLOGIES IN ARCHAEOLOGICAL HERITAGE MANAGEMENT

Theme: 2. The Valletta Convention: the next 25 years
Room: 2.6
Date: Friday, September 1
Time: 14:00 - 16:45
Organiser: Verhagen, Philip (Netherlands) - Vrije Universiteit Amsterdam; Van Manen, Niels (Netherlands) - Vrije Universiteit Amsterdam; Bernard, Loup (France) - Université de Strasbourg; UMR 7044 ArchiMedE; Huvila, Isto (Sweden) - University of Uppsala
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. ‘Characterful’ data: embracing the complexity in archaeological information Dr Green, Chris - University of Oxford (Presenting author); Dr Cooper, Anwen - University of Manchester

02. And what the land developers think about spatial information? Prof. Huvila, Isto - Uppsala University (Presenting author)

03. Knowledge extraction from an abundance of sources: structuring the national data repository for archaeological data MA Van ‘t Veer, Rein - Vrije Universiteit Amsterdam (Presenting author)

04. Historic environment spatial data discovery in Scotland Mr McKeague, Peter - Historic Environment Scotland (Presenting author)

05. ArkeoGIS, linking multilingual datasets of spatialized data online Dr Bernard, Loup - Université de Strasbourg; CNRS UMR 7044 ArchiMedE (Presenting author)

06. Tomorrow’s archaeology: a spatial data infrastructure for sustaining and sharing data in preventive archaeology Dr Anne, Moreau - INRAP - National Institute for Preventive Archaeological Research (Presenting author)

07. Open Access to the Past – the African Archaeology Archive Cologne Dr. Jesse, Friederike - Universität zu Köln; Wilmeroth, Joana - Universität zu Köln; Mr Fäder, Eymard - University of Cologne - Institute for Prehistoric Archaeology (Presenting author)

08. Mapmaking in the Netherlands: how to set a national standard? Mr Sueur, Chris - Buro de Brug (Presenting author)
CONSTRUCTION ECONOMIES OF THE PAST. NEW APPROACHES TO THEIR SOCIETAL, POLITICAL AND LONG-TERM IMPACT

Theme: 5. Comparing Archaeology Across Regions and Periods
Room: 1.05
Date: Saturday, September 2
Time: 8:30 - 12:45
Organiser: Brysbaert, Ann (Netherlands) - Leiden University; Gutierrez Garcia-M, Anna (France) - University of Bordeaux-Montaigne
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. On the road again. The impact of transport logistics and infrastructure in monumental building efforts
Dr. Brysbaert, Ann - Leiden University (Presenting author)

02. An experimental approach towards understanding the chaîne opératoire of house construction: a Neolithic example
Professor Dr van Gijn, Annelou - Faculty of Archaeology, Leiden University (Presenting author)

03. Labour investment and social change: the case of the North Cemetery at Ayios Vasilios, Greece
Prof Dr Voutsaki, Sofia - Groningen Institute of Archaeology; Faculty of Arts, University of Groningen (Presenting author); Mr Van den Beld, Youp - Groningen Institute of Archaeology; Mr De Raaff, Yannick - Groningen Institute of Archaeology

04. Construction Costs of Private Housing in Attica in the Classical Period
Dr Pakkanen, Jari - Finnish Institute at Athens and Royal Holloway, Univ. of London (Presenting author)

05. The construction process of the republican city walls of Aquileia: a case study of quantitative analysis on ancient buildings
Miss Previato, Caterina - Università degli studi di Padova, Dipartimento dei Beni Culturali: Archeologia, Storia dell'Arte, del Cinema e della Musica (Presenting author); Mr Bonetto, Jacopo - Università degli studi di Padova, Dipartimento dei Beni Culturali: Archeologia, Storia dell'Arte, del Cinema e della Musica

06. LARGE-SCALE BUILDING IN EARLY IMPERIAL TARRACO (TARRAGONA, SPAIN) AND THE DYNAMICS BEHIND THE CREATION OF A ROMAN PROVINCIAL CAPITAL LANDSCAPE
Dr Gutierrez Garcia-M, Anna - IRAMAT-CRP2A UMR 5060 CNRS -Université Bordeaux Montaigne (Presenting author); Dr Vinci, Serena - Ausonius UMR 5607 CNRS - Université Bordeaux Montaigne

07. Building materials, construction processes and labour: the temple of Isis in Pompeii
Recko, Cathalin - Universität zu Köln, DFG Graduiertenkolleg 1878 "Archäologie vormoderner Wirtschaftsräume" (Presenting author)

09. Rethinking monumentality in Teotihuacan, Mexico
Torras Freixa, Maria - Universitat de Barcelona (Presenting author)

10. Early Medieval Construction Industry. Leaving the darkness
Dr Utrero Agudo, Maria de los Angeles - EEA-CSIC (Presenting author); Dr Semple, Sarah - Durham University
11. Architectural design and conspicuous consumption as social strategy in Mycenaean communities. Mrs Efkleidou, Kalliopi - Aristotle University of Thessaloniki (Presenting author)

12. Scale of labour investment at the Late Bronze Age fortifications in the southern Carpathian Basin PhD. Student Czukor, Peter - Eötvös Loránd University (Budapest, Hungary) (Presenting author)

13. The impact of large scale construction on Roman cities. Would our planning authorities approve them? Dr Stöger, Hanna - Universiteit Leiden (Presenting author)

14. Interdisciplinary approach of the evolution of a construction: case study of the crypt of St Seurin's Basilica in Bordeaux Dr Guibert, Pierre - IRAMAT CNRS; Ass Prof Michel, Anne - Ausonius, Université Bordeaux Montaigne (Presenting author); Dr Urbanova, Petra - IRAMAT, Université Bordeaux Montaigne (Presenting author)

POSTERS

PRODUCTION AND COST OF THE CARTHAGO NOVA THEATER’S ARCHITECTURAL DECORATION Dr. Soler-Huertas, Begoña - Universidad de Murcia / ICAC (Presenting author)

273 STONE AGE CAMPSITES AND SETTLEMENTS ALONG THE RIVER BANKS AND FLOODPLAINS

Theme: 6. Interpreting the archaeological record
Room: 1.13/14
Date: Saturday, September 2
Time: 8:30 - 12:45
Organiser: Flamman, Drs. Jeroen (Netherlands) - Vestigia Archeologie & Cultuurhistorie, Amersfoort; Crombé, Prof. Dr. Philippe (Belgium) - Ghent University, Department of Archaeology, Gent; Devriendt, Dr. Izabel (Belgium) - Archeo Lithics, Gent; Müller, Drs. Axel (Netherlands) - Archeologisch Dienstencentrum, Amersfoort; Rensink, Dr. Eelco (Netherlands) - Cultural Heritage Agency of the Netherlands, Amersfoort

Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. Stone Age campsites and settlements along the river banks and floodplains: an introduction Mr Flamman, Jeroen - Vestigia Archeologie & Cultuurhistorie, Amersfoort (Presenting author)

02. Holocene pointbar formation along the River Meuse: setting the landscape for Mesolithic and Neolithic habitation in Well-Aijen (southern Netherlands) Dr.ir. Tebbens, Leo - BAAC (Presenting author); Msc. Kalisvaart, Chris - BAAC

03. An continuous botanical, sedimentological and archaeological record at Well-Aijen, Meuse-valley, the Netherlands: landscape and vegetation during the last 8000 years Dr. Bos, Johanna A. A. - ADC-Archeoprojecten; Dr. Zuidhoff, Frieda S. - ADC-Archeoprojecten; Mr Müller, Axel M. - ADC-Archeoprojecten (Presenting author)
04. **Excavating a stone age landscape: archaeological practises of large scale stone age fieldwork.** Doctorandus (Drs.) Muller, Axel - ADC (Presenting author)

05. **The lithic industry at Well-Aijen (Limburg, The Netherlands). Centuries of Mesolithic and Neolithic habitation along the river Meuse.** Dr. Devriendt, Izabel - Archeo Lithics (Presenting author)

06. **The function of microliths in the Dutch river banks: the example of Well Aijen.** MA Verbaas, Annemieke - Leiden University; Stichting LAB (Presenting author); Dr García Diáz, Virginia - Leiden University

07. **The Mesolithic wetland-site of Kerkhove-Stuw (Upper-Scheldt valley, Western Belgium).**
   Mr Vandendriessche, Hans - Ghent University (Presenting author); Dr Sergant, Joris - Ghent University; GATE bvba; Mr Noens, Gunther - GATE bvba; Dr Cruz, Frederic - GATE bvba; Dr Allmeersch, Luc - GATE bvba; Ms Storme, Annelies - Ghent University; Ms Aluwé, Kim - GATE bvba; Mr Jacops, Jonathan - GATE bvba; Mr Wuyts, Frederik - GATE bvba; Mr Windey, Sebastiaan - GATE bvba; Mr Rozek, Joachim - GATE bvba; Dr Herremans, Davy - Ghent University; Mr Laloo, Pieter - GATE bvba; Prof Dr Crombé, Philippe - Ghent University

08. **Stone age occupation along the Reedeip, near the IJssel River at Kampen (the Netherlands)**
   Drs A. Muller Muller, Axel - ADC (Presenting author)

09. **Neolithisation of the southern Netherlands: new insights from the Well-Aijen excavations (River Meuse valley)** Msc. Mooren, Sjaak - BAAC; Msc. Drenth, Erik - via BAAC (Presenting author)

10. **The Swifterbant Culture in the Lower Scheldt floodplain (NW Belgium)** Messiaen, Liesbeth - Ghent University, Department of Archaeology (Presenting author); Storme, Annelies - Ghent University, Department of Geology; Teetaert, Dimitri - Ghent University, Department of Archaeology; Halbrucker, Éva - Ghent University, Department of Archaeology; Prof. Dr. Crombé, Philippe - Ghent University, Department of Archaeology

11. **Digging in the delta area: a Swifterbant site on a creek levee at Nieuwegein (the Netherlands); first results.** Ms Leijnse, Kirsten - BAAC; Ms Molthof, Helle - RAAP (Presenting author)

12. **The Swifterbant sites of Tiel-Medel (Central Netherlands): a first impression** Mr Ten Anscher, Theo - RAAP Archeologisch Adviesbureau, Weesp (Presenting author)

13. **Correlation between the location of the campsites of the Stone Age and changes of the Kama riverbed** Dr. Lychagina, Evgeniia - Perm State Humanitarian Pedagogical University; Dr. Zaretskaya, Nataliya - Geological Institute of RAS (Presenting author); Prof. Chernov, Alexey - Moscow State University

**POSTERS**

**In search of a Neolithic world - 2,5 meters below the surface** Drs Sleijpen, Edmée - municipality Nieuwegein (Presenting author); MSc Sprangers, Joel - RAAP Archeologisch Adviesbureau; MSc Janssen, Loes - Municipality Nieuwegein
IN PLAY. ARCHAEOLOGY IN VIDEOGAMES AS A METADISCIPLINARY APPROACH

Theme: 3. Trans- and Metadisciplinary Approaches in Archaeology
Room: 1.12
Date: Saturday, September 2
Time: 8:30 - 12:45
Organiser: Linde, Lennart (Germany) - Goethe University Frankfurt; Dennis, L. Meghan (United Kingdom) - University of York; Politopoulos, Aris (Netherlands) - Leiden University; Mol, Angus A. A (United States) - Stanford University; Ariese-Vandemeulebroucke, Csilla E. (Netherlands) - Leiden University; Boom, Krijn HJ (Netherlands) - Leiden University
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. **The No Man’s Sky Archaeological Survey: One Year of In-Game Archaeology** Reinhard, Andrew - University of York; No Man’s Sky Archaeological Survey (Presenting author)

02. **Tombs & Treasure: Understanding the Archaeological Ethics at Play in Video-Game Play** Dennis, L. Meghan - University of York (Presenting author)

03. **Entombed: An archaeological examination of an Atari 2600 game** Aycock, John - University of Calgary (Presenting author)

04. **Wonders of Civilization: Representation of Monuments in Sid Meier’s Civilization Series** Mr. Politopoulos, Aris - Leiden University; The VALUE Foundation (Presenting author); Mr. Boom, Krijn - The VALUE Foundation; Leiden University; Ms. Ariese-Vandemeulebroucke, Csilla - The VALUE Foundation; Leiden University; Dr. Mol, Angus - The VALUE Foundation

05. **First steps in the use of gaming engines for historical road research.** Vletter, Willem - University of Vienna; University of Groningen (Presenting author)

06. **Past at Play: How videogames can challenge archaeological narrative structures** Ms. Copplestone, Tara - University of York (Presenting author)

07. **Jade Dragons and Wooden Crosses: Changing attitudes to archaeological artefacts within the Tomb Raider franchise** Ms Fenton, Freya - University of Leicester (Presenting author)

08. **Dark tourism in ‘The Town of Light’: dark heritage, player agency and phenomenological experience** Ms Smith Nicholls, Florence - Independent researcher (Presenting author)

09. **Creating Plots and Authenticity: Analyzing Video Games and Their Use of Archaeology as Folklore** Thomas, Katherine - HELIX Environmental Planning, Inc.; Idol, Coy - William & Mary Center for Archaeological Research (Presenting author)

10. **Social objects in the digital world** von Ackermann, Megan - University of York (Presenting author)

11. **Goblins, Grave Desecration, and Grey Areas: Navigating Grey Archaeology in Gaming Through the Lens of World of Warcraft** Ms Pageau, Hanna - University at Albany (Presenting author)

12. **THE ROLE OF THE ARCHAEOLOGIST WHEN PRODUCING A SERIOUS GAME** Ms. Morera, Núria - Universitat Autònoma de Barcelona (UAB) (Presenting author); Dr. Piqué, Raquel - Universitat
13. Archaeology in Czech Videogames
MA Šurinová, Miroslava - Charles University (Presenting author)

14. Videogames and Autobiographical Histories
Miss Hursthouse, Rebecca - University of Lincoln (Presenting author)

15. A Singleplayer, Strategic and Atmospheric, Indie Action-Adventure with Multiplayer, a Great Soundtrack and Mostly Positive Reviews: Anatomy of an Archaeogame
MSc Ariese-Vande-meulebroucke, Csilla - Leiden University; The VALUE Foundation (Presenting author); Mr. Boom, Krijn - Leiden University; The VALUE Foundation; Ms. Copplestone, Tara - University of York; Aarhus University; Dr. Mol, Angus - The VALUE Foundation; Mr. Politopoulos, Aris - Leiden University; The VALUE Foundation

277 MEDIEVAL RITUAL AND VOTIVE DEPOSITS

Theme: 5. Comparing Archaeology Across Regions and Periods
Room: 2.4
Date: Saturday, September 2
Time: 14:00 - 16:45
Organiser: Prieto-Martínez, M. Pilar (Spain) - Universidad de Santiago de Compostela; Tente, Catarina (Portugal) - Universidade Nova de Lisboa
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. From magical pots to horse skulls and sacrificed dogs - ritual deposits at rural settlements in early medieval Hungarian Kingdom
Szabó, Dénes - Ópusztaszer National Heritage Park (Presenting author)

02. Chicken, pots and ritual deposits: folk religion and socio-political identities during the High Middle Ages in the Basque Country (Spain)
Dr. Grau-Sologestoa, Idoia - University of the Basque Country; University of Sheffield (Presenting author); Prof Quirós Castillo, Juan Antonio - University of the Basque Country

04. Religious Beliefs and Ritual Practice; the deposition of precious metal jewellery in medieval Scotland
Mr Campbell, Stuart - National Museums Scotland (Presenting author)
VISIT OUR BOOTH AT THE EAA EXHIBITOR’S HALL TO:
BROWSE, CHAT ABOUT, INSPECT, PUBLISH, WRITE, REVIEW, TOUCH, BUY, BEG, BORROW OR STEAL,
DOWNLOAD, SEARCH OR READ OUR BOOKS

If you’re bored and you’ve already read this booklet cover to cover, don’t worry, we support Open Access, you can read all our books for free at www.sidestone.com. Still bored? A puzzle: Lyrics to which song are hidden in this message?
05. Religious rituals in the basilica of Augas Santas (Allariz, NW Iberian Peninsula): the pottery deposit
Prieto Martínez, Pilar - University of Santiago de Compostela (Presenting author); Lantes Suarez, Oscar - University of Santiago de Compostela; Alonso Toucido, Francisco - University of Santiago de Compostela; Estela Arqueología e Patrimonio; Iglesias, Alfredo - University of Santiago de Compostela; Silva, Jesus - University of Santiago de Compostela

POSTERS
The ritual pottery deposit of Roza das Aveas (Outeiro de Rei, Lugo)
Prieto Martínez, Pilar - University of Santiago de Compostela (Presenting author); Alonso Toucido, Francisco - University of Santiago de Compostela; Estela Arqueología e Patrimonio; Lantes Suarez, Oscar - University of Santiago de Compostela; Vazquez Liz, Pablo - Professional archeologist

279 FORTIFICATIONS, NETWORKS AND LANDSCAPES. THE CHALLENGE OF HIGH-DEFINITION ARCHAEOLOGY
Theme: 6. Interpreting the archaeological record
Room: 0.6
Date: Friday, September 1
Time: 8:30 - 12:45
Organiser: Sindbæk, Søren Michael (Denmark) - Aarhus University; Segschneider, Martin (Germany) - Lower Saxony Institute for Historical Coastal Research, Wilhelmshaven
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS
01. Aggersborg - A Viking Age ring fortress in North Jutland, Denmark
Dr. Nielsen, Bjarne Henning - Vesthimmerlands Museum (Presenting author)

02. Tracing Centrality: Bronze Age Hillforts as Actors in Networks
M.A. Linde, Lennart - Goethe University Frankfurt (Presenting author)

03. New investigations in the transition zone: Considering a multi-ditched settlement in western Sicily as a node in a complex landscape
Dr. Sevara, Christopher - University of Vienna (Presenting author); Dr. Doneus, Michael - University of Vienna; LBI ArchPro; Dr. Draganits, Erich - University of Vienna; LBI ArchPro; Frazzetta, Cipriano - University of Vienna; Dr. Tusa, Sebastian - Soprintendenza del Mare, Regione Siciliana; Totschnig, Ralf - Zentranstalt für Meteorologie und Geodynamik; Schilk, Sheba-Celina - University of Vienna; Cusumano, Rosa - Prima Archeologia del Mediterraneo - PAM; Palermo, Barbara - Prima Archeologia del Mediterraneo - PAM; Pisciotta, Filippo - Prima Archeologia del Mediterraneo - PAM; Stallone, Rosamaria - Prima Archeologia del Mediterraneo - PAM; Valenti, Antonina - Prima Archeologia del Mediterraneo - PAM
04. **Messapian fortifications during the Hellenistic period. The case of Muro Tenente**
   Professor Burgers, Gert-Jan - Free University Amsterdam (Presenting author); merlino, matteo - university of Amsterdam; Lengkeek, Selma - free university amsterdam (Presenting author)

05. **The unfortified Iron Age**
   Heijnis, Arjen - Aarhus University (Presenting author)

06. **Round riddles**
   Dr. Segschneider, Martin - Lower Saxony institute for historical coastal research (Presenting author); Mr. Majchczack, Bent - Lower Saxony institute for historical coastal research

07. **State formation in the landscape: the ringforts of Flanders and Zeeland (850-950)**
   Dr. Tys, Dries - Vrije Universiteit Brussel (Presenting author); Dr. Deckers, Pieterjan - VUB; Dr. Wouters, Barbora - VUB

08. **The Danevirke in the light of the recent excavations**
   Witte, Frauke - Museum-Sonderjylland - Arkaeologi Haderslev; Dr Tummuscheit, Astrid - Archäologisches Landesamt Schleswig-Holstein (Presenting author)

09. **The discovery of Borgring - a Viking-Age ring fortress**
   Curator Gade, Nanna - Museum Southeast Denmark (Presenting author)

10. **Non-intrusive methods for characterising habitation at fortified sites.**
    Stott, David - Institut for Geoscience, Aarhus University; Moesgaard Museum (Presenting author); Munch Kristiansen, Søren - Institut for Geoscience, Aarhus University; Centre for Urban Network Evolutions (UrbNet), Aarhus University; Prof Sindbæk, Søren - Centre for Urban Network Evolutions (UrbNet), Aarhus University; Medieval and Renaissance Archaeology, Aarhus University

11. **Medieval Russian city fortification: ramparts or walls?**
    PhD Koval, Vladimir - Institute of Archaeology RAS (Presenting author)

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**280 WORKING IN THE DARK? DEALING WITH NATURAL AND HUMAN THREATS TO BURIED ARCHAEOLOGICAL SITES**

**Theme:** 2. The Valletta Convention: the next 25 years
**Room:** 2.9
**Date:** Thursday, August 31
**Time:** 10:00 - 12:45
**Organiser:** Huisman, Hans (Netherlands) - Cultural Heritage Agency of the Netherlands; Williams, Jim (United Kingdom) - Historic England; Matthiesen, Henning (Denmark) - National museum of Denmark; Groenendijk, Maarten (Netherlands) - Gouda municipality; Ngan-Tillard, Dominique (Netherlands) - Delft Technical University; Sidell, Jane (United Kingdom) - Historic England

**Format:** Session, made up of a combination of papers, max. 15 minutes each

**ABSTRACTS**

01. **Introduction to session 280: Working in the dark, protecting our archaeological heritage**
    Dr. Huisman, Dirk Johannes (Hans) - Cultural Heritage Agency of the Netherlands (Presenting author); Drs. Groenendijk, Maarten - Municipality of Gouda; Dr. ir. Ngan-Tillard, Dominique - TU DELFT- Faculty
of Civil Engineering and Geosciences; Dr. Sidell, Jane - HE - Historic England; Dr. Williams, Jim - Historic England

02. Monitoring archaeological monuments: Goals, methods, results and public information Drs Schreurs, José - Cultural Heritage Agency of the Netherlands (Presenting author); Dr Van Os, Bertil - Rijksdienst voor het Cultureel Erfgoed; Drs Van der Heiden, Menno - Rijksdienst voor het Cultureel Erfgoed; Drs De Kort, Jan Willem - Rijksdienst voor het Cultureel Erfgoed

03. Protection of buried and submerged archaeological sites in Lake Peipsi. Ms Roio, Maili - National Heritage Board of Estonia (Presenting author)

04. All along the watchtowers! Balancing heritage protection and development of castle sites with scientific research potential of buried archaeology Banerjea, Rowena - University of Reading (Presenting author); Huisman, Hans - Cultural heritage agency of the Netherlands; Nicosia, Cristiano - CReA- Université de Bruxelles; Colenberg, Jesper - Self employed; Garcia-Contreras Ruiz, Guillermo - Universidad de Granada; Pluskowski, Aleks - University of Reading; Van Dijk, Xavier - RAAP; Van Doesburg, Jan - Cultural heritage agency of the Netherlands

05. The Two Playhouses of Shoreditch. Challenges of conserving and presenting Shakespearean archaeology in the urban zone. Dr Sidell, Jane - HE - Historic England (Presenting author)

06. Shining a light on the effects of environmental changes on the preservation of organic materials: an analytical approach Dr High, Kirsty - University of York (Presenting author); Dr Penkman, Kirsty - University of York; Dr Williams, Jim - Historic England; Mr Panter, Ian - York Archaeological Trust

07. Erosion of archaeological sites: quantifying the threat using OSL and fall-out isotopes Dr. ir Huismann, Dirk Johannes (Hans) - Cultural Heritage Agency of the Netherlands (Presenting author); Drs. de Kort, Jan-Willem - Cultural Heritage Agency of the Netherlands; Prof. dr. Ketterer, Mike - Metropolitan State University of Denver; Dr. Reimann, Tony - Wageningen University & Research; Dr. Schoorl, Jeroen - Wageningen University & Research; Drs. van der Heiden, Menno - Cultural Heritage Agency of the Netherlands; MSc van Soest, Maud - Wageningen University & Research; Loughborough University, UK; Drs. van Egmond, Fenny - MEDUSA Explorations BV; Wageningen University & Research; Prof. dr. Wallinga, Jacob - Wageningen University & Research

08. Piles in the spotlight. Shedding light on the disturbance caused by piling. Doctorandus (Drs.) Groenendijk, Maarten - Municipality of Gouda (Presenting author)

09. MEASURING STRAIN ON BONE SAMPLES SUBJECTED TO COMPRESSION AND SHEAR STRESSES Leskovar, Tamara - Quinnipiac University (Presenting author); Ass. Prof. Perez-Mejia, Ari - Quinnipiac University

10. Ghost of loadings past. The case of a Roman vicus under a 19th century embankment in Vechten, The Netherlands DR.IR. NGAN-TILLARD, DOMINIQUE - TU DELFT- Faculty of Civil Engineering and Geosciences (Presenting author); DR. HUISMAN, HANS - Cultural Heritage Agency of the Netherlands

11. Hindsight and guidance; some English examples Dr Williams, Jim - Historic England (Presenting author)
THE ARCHAEOLOGY OF PLEISTOCENE HUNTER-GATHERERS AND THE VALLETTA TREATY. TIME FOR A REWRITE?

Theme: 2. The Valletta Convention: the next 25 years
Room: 1.07
Date: Saturday, September 2
Time: 14:00 - 16:45
Organiser: Raczynski-Henk, Yannick (Netherlands) - Leiden University; ADC ArcheoProjecten Netherlands; Paulussen, Rob (Netherlands) - ArcheoPro Netherlands; Wilkinson, Keith (United Kingdom) - Winchester University; ARCA Geoarchaeology UK; Soressi, Marie (France) - Leiden University
Format: Short papers and discussion

ABSTRACTS

01. **Palaeolithic French Preventive Archaeology: a review** Doctor/Phd Depaepe, Pascal - Inrap; CNRS UMR 7194 (Presenting author); Dr Goval, Emilie - MCC; CNRS UMR 7194; Dr Locht, Jean-Luc - Inrap; CNRS UMR 8591

02. **English Palaeolithic and Mesolithic Archaeology: A Cross-Channel View On Protecting and Understanding a Complex Record** Dr Pope, Matt - UCL Institute of Archaeology (Presenting author)

03. **The CRM implications of the ‘Hominin absence paradigm’ in the British early Late Pleistocene: an Isle of Wight case study** Dr Wilkinson, Keith - University of Winchester (Presenting author)

04. **Pleistocene Heritage in England: a policy maker’s perspective** Dr Fluck, Hannah - Historic England; Dr Last, Jonathan - Historic England (Presenting author); Corcoran, Jane - Historic England

05. **Into the deep. Prospecting for Middle Palaeolithic open air sites in the context of Archaeological Heritage Management.** Drs. Paulussen, Rob - ArcheoPro; Drs. Raczynski-Henk, Yannick - Leiden University (Presenting author)
ABSTRACTS

01. **Pitfalls of isotopic provenancing in archaeology: Establishing backgrounds, sample preparation and data interpretation** Dr Pellegrini, Maura - University of Oxford (Presenting author)

02. **Back to Basics: A Cyprus Case Study Problematizing Sampling for a Strontium Isotope Baseline** Scientific Assistant Ladegaard-Pedersen, Pernille - National Museum of Denmark - Environmental Archaeology and Material Science (Presenting author); Prof Frei, Karin Margarita - National Museum of Denmark - Environmental Archaeology and Material Science; Prof Kristiansen, Kristian - University of Gothenborg - Department of Historical Studies

03. **Bioavailable strontium isotopes: how should they be measured?** Dr. Copeland, Sandi - Los Alamos National Laboratory (Presenting author)

04. **Locals and non-locals. Plants, animals, people in Iron Age Central Italy** Dr. Motta, Laura - University of Michigan (Presenting author); Dr Gleason, James - University of Michigan; Dr Cangemi, Ivan - University of Michigan

05. **Isotope mapping around the Late Iron Age site of Basel-Gasfabrik, Switzerland: Determining local ranges in geologically complex environments** Brönnimann, David - Integrative Prehistory and Archaeological Science, University of Basel, Switzerland (Presenting author); Knipper, Corina - Curt-Engelhorn-Zentrum Archäometrie gGmbH, Mannheim, Germany; Rosner, Martin - IsoAnalysis UG, Berlin, Germany; Maus, Michael - Department of Applied and Analytical Palaeontology, Johannes Gutenberg-University Mainz, Germany; Pichler, Sandra - Integrative Prehistory and Archaeological Science, University of Basel, Switzerland; Stopp, Barbara - Integrative Prehistory and Archaeological Science, University of Basel, Switzerland; Rentzel, Philippe - Integrative Prehistory and Archaeological Science, University of Basel, Switzerland; Lassau, Guido - Archäologische Bodenforschung des Kantons Basel-Stadt, Basel, Switzerland

06. **Exploring Marine Effects on Biominaler Strontium Isotope Values: sea spray, sea salt and seafood** Dr. Laffoon, Jason - Leiden University; Vrije Universiteit Amsterdam (Presenting author)

07. **Travelling across the Atacama Desert: New evidence for human mobility in northern Chile based on oxygen and strontium isotopes** Dr Santanta-Sagredo, Francisca - CNRS (Presenting author); Dr Le Roux, Petrus - University of Cape Town; Dr Schulting, Rick - University of Oxford; Dr Godoy, Benigno - Universidad de Chile; PhD(c) González-Maurel, Osvaldo - Universidad Católica del Norte;
PhD(c) Méndez-Quiros, Pablo - Universidad Autonoma de Barcelona; Dr Pellegrini, Maura - University of Oxford; Dr Torres-Rouff, Christina - University of California, Merced; Dr Hubbe, Mark - Ohio State University; PhD(c) Uribe, Mauricio - Universidad de Chile; Prof Lee-Thorp, Julia - University of Oxford

08. Impact of provenance on palaeodietary interpretations of sulphur stable isotope values in the Iron Gates Gorge and the Danube Delta
Professor Bonsall, Clive - University of Edinburgh (Presenting author); Dr Bonsall, Laura - University of Edinburgh; Dr Pickard, Catriona - University of Edinburgh; Dr Evans, Jane - British Geological Survey (Nottingham); Mr Dalton, Alan - University of Edinburgh; Ms Aguraiuja, Ülle - University of Edinburgh

09. A journey to the south. Tracing human mobility in the Early Bronze Age of East-Central Europe
Makarowicz, Przemyslaw - Institute of Archaeology, Faculty of History, Adam Mickiewicz University; Pospieszny, Lukasz - Institute of Archaeology and Ethnology, Polish Academy of Sciences (Presenting author); Belka, Zdzislaw - Isotope Laboratory, Adam Mickiewicz University; Juras, Anna - Department of Human Evolutionary Biology, Institute of Anthropology, Faculty of Biology, Adam Mickiewicz University; Szczepanek, Anita - Institute of Archaeology and Ethnology, Polish Academy of Sciences; Jagiellonian University Medical College; Gorski, Jacek - Archaeological Museum of Krakow; Taras, Halina - Institute of Archaeology, Maria Curie Sklodowska University; Chylenski, Maciej - Institute of Archaeology, Faculty of History, Adam Mickiewicz University

10. How far these cattle did come from? Cattle trade in Iron Age and Roman Languedoc (France) from strontium isotopic ratios
Dr Valenzuela-Lamas, Silvia - Consejo Superior de Investigaciones Científicas (Presenting author); Dr Nieto-Espinet, Ariadna - Université de Montpellier; Prof. Bosch, Delphine - Université de Montpellier; Dr. Gardeisen, Armelle - Université de Montpellier

11. Where do we go from here? Reflections on the use of provenance isotopes for Iron Age Öland, Baltic Sea
PhD Wilhelmson, Helene - Sydsvensk arkeologi AB (Presenting author)

12. Spatial Approaches to Assignment
Pouncett, John - University of Oxford (Presenting author)

13. Provenance studies on metal artefacts of the early Danish Bronze Age: comparing lead isotope data with the archaeological evidence
Dr. Noergaard, Heide - Aarhus University, School of Culture and Society (Presenting author)

14. Nd isotopes: problem solver or creator?
Prof. Dr. Davies, Gareth - Vrije Universiteit Amsterdam; Plomp, Esther - Vrije Universiteit Amsterdam (Presenting author); Dr. Von Holstein, Isabella - Vrije Universiteit Amsterdam; Dr. Font, Laura - Elsevier; Dr. Koornneef, Janne - Vrije Universiteit Amsterdam

15. Oxygen isotopic composition of bone collagen: an additional proxy for residential location?
Dr. Von Holstein, Isabella - Department of Earth Sciences, Vrije Universiteit Amsterdam; Institut für Ur- und Frühgeschichte, Christian-Albrechts-Universität zu Kiel; BioArch, Department of Archaeology, University of York (Presenting author); Mr Von Tersch, Matthew - BioArch, Department of Archaeology, University of York; Dr Coutu, Ashley - BioArch, Department of Archaeology, University of York; Department of Archaeology, University of Cape Town; Professor Makarewicz, Cheryl - Institut für Ur- und Frühgeschichte, Christian-Albrechts-Universität zu Kiel; Professor Davies, Gareth - Department of Earth Sciences, Vrije Universiteit Amsterdam; Professor Collins, Matthew - BioArch, Department of Archaeology, University of York; Natural History Museum of Denmark
285 APPROACHES TO EARLY FARMING SYSTEMS. DIFFUSION AND DEVELOPMENT OF AGRICULTURAL PRACTICES INTO THE MEDITERRANEAN

Theme: 5. Comparing Archaeology Across Regions and Periods
Room: 1.12
Date: Saturday, September 2
Time: 14:00 - 16:45
Organiser: Mazzucco, Niccolò (France) - Fysseb Fondation post-doc; UMR 7055 « Préhistoire et Technologie », CNRS / Université Paris Nanterre; Gibaja, Juan Francisco (Spain) - Institució Milà i Fontanals (CSIC-IMF) Consejo Superior de Investigaciones Científicas Departament d’Arqueologia i Antropologia; Ibáñez, Juan José (Spain) - Institució Milà i Fontanals (CSIC-IMF) Consejo Superior de Investigaciones Científicas Departament d’Arqueologia i Antropologia; Peña-Chocarro, Leonor (Spain) - GI Arqueobiología. Instituto de Historia. Consejo Superior de Investigaciones Científicas; Pérez Jordà, Guillem (Spain) - GI Arqueobiología. Instituto de Historia. Consejo Superior de Investigaciones Científicas

Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. Close to Home: Early Neolithic crop cultivation in the Lower Galilee, northern Israel Mrs. Birkenfeld, Michal - Israel Antiquities Authority (Presenting author)

02. Integrated approaches to exploring early farming activities: the microarchaeology of livestock dung Dr Portillo, Marta - Marie Sklodowska-Curie Fellow; Department of Archaeology, University of Reading (Presenting author); Dr Matthews, Wendy - Department of Archaeology, University of Reading; Dr Bull, Ian - School of Chemistry, University of Bristol


04. Which grinding technics in the Early Neolithic of Europe (VIth-Vth mill. BC): variability, questions & perspectives. Dr. Hamon, Caroline - CNRS (Presenting author)

05. Foodplants of the first Balkan farmers: assessing the diversity of domestic and wild plants through microfossils analyses on grinding tools Dr Chevalier, Alexandre - Royal Belgian Institute of Natural Sciences (Presenting author); PD Dr. Ivanova, Maria - Universität Heidelberg; Prof. Dr. Bänn-
06. Early agricultural toolkit in the Balkans: Bulgarian case study Dr Gurova, Maria - National Institute of Archaeology with Museum (Presenting author)

07. The Harvest of Our Fathers: harvesting techniques and farming practices in the Mediterranean Neolithic PhD Mazzucco, Niccolò - UMR 7055 - Maison Archéologie & Ethnologie, René-Ginouvès (Presenting author); PhD Gibaja Bao, Juan Francisco - IMF-CSIC - Institución Milá y Fontanals, Consejo Superior de Investigaciones Científicas; PhD Ibáñez, Juan José - IMF-CSIC - Institución Milá y Fontanals, Consejo Superior de Investigaciones Científicas

08. Agricultural systems and storage among Neolithic communities in the Iberian Peninsula Dr Pérez-Jordà, Guillem - CSIC; Dr Peña-Chocarro, Leonor - CSIC (Presenting author)

09. Reconstructing the Landscape in central coastal Etruria: defining agro-sylvo-pastoral practices through pollen analysis and archaeological record Post-doc vanni, edoardo - University of Siena (Presenting author)

286 BEAUTIFUL BODIES. GENDER, BODILY CARE AND MATERIAL CULTURE IN THE PAST. ARCHAEOLOGY AND GENDER IN EUROPE EAA WORKING PARTY SESSION.

Theme: 6. Interpreting the archaeological record
Room: 1.12
Date: Thursday, August 31
Time: 8:30 - 12:45
Organiser: Matić, Uroš (Germany) - University of Münster; Vučetić, Sanja (United Kingdom) - University College London
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. Critical approaches to beauty canons and archaeological visual representations: the Gendar project Gonzalez-Marcen, Paloma - Universitat Autònoma de Barcelona (Presenting author); Jardon, Paula - Universitat de València; Picazo, Marina - Universitat Pompeu i Fabra; Rísquez, Carmen - Universidad de Jaén; Sanchez-Romero, Margarita - Universidad de Granada; Soler, Begoña - Museu de Prehistòria de València

02. Dentures – an all-consuming fashion Dr Anthony, Sian - Lund University (Presenting author)

03. An introduction to the representation of beauty in early and middle Qajar paintings and photos, 18 and 19 century Iran Dr. Dezhamkhooy, Maryam - Alexander von Humboldt Foundation, Heidelberg Universität, (Presenting author); Ms. Alikhani, Elahe - UiT/ The Arctic University Of Norway
04. **Beauty, Gender, Body and Material Culture Among the Gumuz and Dats’in: an Ethnoarchaeology of Two Oral Societies in Ethiopia.** Professor Hernando, Almudena - Universidad Complutense, Madrid, Spain (Presenting author)

05. **Marking the community: the local variants of a female dress in Old Rus’.** PhD Stepanova, Iuliia - Tver State University (Presenting author)

06. **What makes a man? The concept of human of the late Bronze and early Iron Age South Baltic zone.** Dr Slusarska, Katarzyna - Gdańsk University (Presenting author)

07. **A beautiful dead: women’s burials in the Late Bronze Age (South Urals, Russia).** Dr Berseneva, Natalia - Institute of History and Archaeology, Ural Branch of RAS (Presenting author)

08. **Looking for trouble. Eyes, aesthetics and engagement in Viking Age iconography.** Jensen, Bo - Kroppedal museum (Presenting author)

09. **Bodies of Colonialism. Identity and bodily care in the Mariana Islands.** Mr Moral de Eusebio, Enrique - Universitat Pompeu Fabra; Ms Peña Filiu, Verónica - Universitat Pompeu Fabra; Dr Montón-Subías, Sandra - Universitat Pompeu Fabra (Presenting author)

10. **Wretched but Beautiful Kush: Cosmetic Utensils and the Adoption of Egyptian Ideals of Beauty in New Kingdom Nubia.** MATIC, UROS - Westfälische Wilhelms Universität-Münster (Presenting author)

11. **Perfumes, Make-up and Jewelry: Bodily Care and Gender in the Phoenician and Punic Worlds, 8th-4th centuries BC.** Ferrer Martin, Meritxell - Universitat Pompeu Fabra; López-Bertran, Mireia - Universitat de València (Presenting author)

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**POSTERS**

Creating gender... creating beauty... Mr. Anton, Alin - PRAHOVA DISTRICT MUSEUM OF HISTORY AND ARCHAEOLOGY; Dr. Ciuperca, Bogdan - PRAHOVA DISTRICT MUSEUM OF HISTORY AND ARCHAEOLOGY (Presenting author); Dr. Măgureanu, Andrei - "Vasile Pârvan" Institute of Archaeology of the Romanian Academy in Bucharest
THE ODD, THE COMPLEX AND THE CURIOUS. FINDING AND INTERPRETING STRANGE BURIAL PHENOMENA IN THE VIKING WORLD

Theme: 6. Interpreting the archaeological record
Room: 2.11
Date: Saturday, September 2
Time: 14:00 - 16:45
Organiser: Moilanen, Ulla (Finland) - University of Turku, Finland; Therus, Jhonny (Sweden) - University of Uppsala, Sweden; Etu-Sihvola, Heli (Finland) - Laboratory of Chronology, University of Helsinki, Finland
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS


02. Bone heap graves in inhumation cemeteries in Late Iron Age Finland Puolakka, Hanna-Leena - University of Oulu (Presenting author)

03. The problem of the missing bones. How scattered bones and fragmented burials help create a place. PhD candidate Therus, Jhonny - Uppsala university (Presenting author)

04. Antlers and domestic animals in Sámi graves – new interpretations of culture contacts and internal development PhD candidate Piha, Minerva - University of Turku, Finland (Presenting author)

05. An Equestrian Burial from Fregerslev, Denmark Mrs Bagge, Merethe Schifter - Museum Skanderborg; Mr Hertz, Ejvind - Museum Skanderborg (Presenting author)

06. Chamber graves in Finland deconstructed PhD candidate Moilanen, Ulla - University of Turku; PhD candidate Etu-Sihvola, Heli - University of Turku; University of Helsinki (Presenting author)

07. Many ways to Valhall - an example from Vestfold in Norway Dr. Gollwitzer, Martin - Vest-Agder fylkeskommune (Presenting author)
TRANSNATIONAL PERSPECTIVES ON THE LEGACY OF ANCIENT PASTS IN CONTEMPORARY EUROPE

Theme: 5. Comparing Archaeology Across Regions and Periods
Room: 1.07
Date: Thursday, August 31
Time: 8:30 - 15:15
Organiser: Bonacchi, Chiara (United Kingdom) - University College London; Hingley, Richard (United Kingdom) - Durham University, Department of Archaeology; Babic, Stasa () - Filozofski fakultet Beograd, Arheologija; Popa, Catalin (Netherlands) - Leiden University
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. Introduction Bonacchi, Chiara - University College London; Hingley, Richard - Durham University; Babic, Stasa - Filozofski fakultet Beograd (Presenting author); Popa, Catalin - Leiden University (Presenting author)

02. Insistent dualities and Images of Rome in Britain and Western Europe Prof. Hingley, Richard - Dept. of Archaeology, University of Durham (Presenting author)

03. The legacies of two empires: Rome, Britain and Brexit Dr Gardner, Andrew - UCL Institute of Archaeology (Presenting author)

04. Empires, ‘barbarism’ and political activism: rehashing the past from the Iron Age to Brexit Dr Bonacchi, Chiara - University College London (Presenting author)

05. Early encounters: first impressions of Iron Age and Roman people in modern Britain. Dr Sharpe, Kate - Durham University (Presenting author)

06. Cornish heritage: Politics, nationalism, and the echoes of imagined Celtic pasts Dr Orange, Hilary - Ruhr Universitat Bochum (Presenting author)

07. The Perception and Legacy of Abandoned Buildings in the North-Western Provinces of the Roman Empire Mhr. Dodd, James - VU Amsterdam (Presenting author)

08. Crossing Divides – Popular Celticism and Academic Narratives in Northern Spain Dr Fernández-Götz, Manuel - University of Edinburgh; Prof Ruiz Zapatero, Gonzalo - Complutense University Madrid (Presenting author)

09. Luna Celta (Solosancho, Ávila, Spain): Iron Age alive! Dr. González Álvarez, David - Durham University, UK; Institute of Heritage Sciencies (Incipit), Spain (Presenting author); Mr. Rodríguez Hernández, Jesús - Complutense University of Madrid, Spain

10. “Invisible” Lombard heritage in Italy: the case study of Fiesole Student Biondi, Andrea - University of Florence (Italy) (Presenting author)


12. Exhibiting across borders – negotiating hybridity and identities Mr Paludan-Muller, Carsten - NIKU (Presenting author)
13. **The importance of being ancient: the role of Roman Emona for the identity of Ljubljana and Slovenia**
   Mrs. Zupanek, Bernarda - Museum and Galleries of Ljubljana (Presenting author)

14. **National space and the 'Age of Migrations': finding Rome's barbarians in modern Romania**
   Hanscam, Emily - Durham University; Prof. Hingley, Richard - (Presenting author)

15. **Public and Professionals Negotiating Heritage - Boundaries of Participation**
    Dr Cvjeticanin, Tatjana - National Museum in Belgrade; Prof. Babic, Stasa - Department of Archaeology, Faculty of Philosophy, University of Belgrade (Presenting author)

16. **Discussion**
    Popa, Catalin - Leiden University (Presenting author); Bonacchi, Chiara - University College London; Hingley, Richard - Durham University; Babic, Stasa - Filozofski fakultet Beograd

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**293 MIND THE GAP 2.0! BUILDING BRIDGES BETWEEN SCIENCE, HERITAGE AND SOCIETY IN THE ARCHAEOLOGY OF ROCK ART**

**Theme:** 3. Trans- and Metadisciplinary Approaches in Archaeology

**Room:** 2.11

**Date:** Friday, September 1

**Time:** 10:00 - 12:45

**Organiser:**
- Domingo Sanz, Ines (Spain) - ICREA (Institució Catalana de Recerca i Estudis Avançats);
- University of Barcelona, Secció Prehistoria i Arqueologia, SERP;
- Gallinaro, Marina (Italy) - Dipartimento di Scienze dell'Antichità, University of Rome;
- DISSUF, University of Sassari;
- Fiore, Danae (Argentina) - CONICET – AIA – UBA.

**Format:** Session, made up of a combination of papers, max. 15 minutes each

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**ABSTRACTS**

**01. What does 'decolonised' collaborative indigenous archaeological practice look like? Examples from Arnhem Land Australia**
   Jones, Tristen - Archaeology and Natural History, The Australian National University (Presenting author); Rangers, Njanjma - Djabulukgu Association Incorporated, Jabiru Northern Territory Australia

**02. Heritage, Science, Society and History Places in northwest Arnhem Land, Australia**
   Professor Tacon, Paul - Griffith University (Presenting author)

**03. Same matter and three discourses: Rock art and collaborative archaeology in Semiarid North of Chile**
   Cordero, Rosario - Universitat Autònoma de Barcelona, PhD Programme; Fondecyt 1150776 (Presenting author);
   Salatino, Patricia - Universidad de Buenos Aires, PhD candidate; Fondecyt 1150776; Artigas, Diego - Universidad SEK;
   Fondecyt 1150776; Dr. Troncoso, Andrés - Universidad de Chile; Fondecyt 1150776

**04. Digging rock art from books. A comparative study of educational contents in school textbooks and public science books from Argentina-(1910-2015).**
   Dr Fiore, Danae - CONICET (Presenting author); Lic Acevedo, Agustin - CONICET-IMICIHU
05. **International Cooperation, Human Evolution and Rock Art in Mexico** Ms Sanz, Nuria - UNESCO (Presenting author)

06. **Levantine rock art in the contemporary World: benefiting from Knowledge Transfer.**
    Prof. Domingo Sanz, Ines - ICREA; University of Barcelona / SERP (Presenting author); Dr. Roman, Didac - University of Barcelona/SERP

07. **African rock art as a resource for which stakeholders?** Dr. Gallinaro, Marina - University of Rome La Sapienza (Presenting author)

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**295  LONG-TERM TRAJECTORIES OF THE REGIONAL SETTLEMENT SYSTEMS. CHALLENGES WHEN DEALING WITH COMPARISON AND COMPLEXITY**

**Theme:** 5. Comparing Archaeology Across Regions and Periods

**Room:** 1.18

**Date:** Saturday, September 2

**Time:** 14:00 - 16:45

**Organiser:** Nuninger, Laure (France) - CNRS; Univ. Bourgogne Franche-Comté; Verhagen, Philip (Netherlands) - Vrije Universiteit Amsterdam; Bevan, Andrew (United Kingdom) - University College London

**Format:** Round table

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**297  ARCHAEOLOGY IN A CHANGING CLIMATE**

**Theme:** 3. Trans- and Metadisciplinary Approaches in Archaeology

**Room:** 0.4

**Date:** Saturday, September 2

**Time:** 8:30 - 15:15

**Organiser:** Stancioff, Charlotte Eloise (Bulgaria) - Leiden University; Hofman, Corinne (Netherlands) - Leiden University; Riede, Felix (Denmark) - Aarhus University; Biehl, Peter (United States) - Buffalo University; McGovern, Thomas (United States) - Hunter College

**Format:** Session, made up of a combination of papers, max. 15 minutes each

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**ABSTRACTS**

01. **Radiocarbon dating uncertainty severely undermines our ability to identify cycles in palaeoclimate data**
    Professor Collard, Mark - Department of Archaeology, Simon Fraser University; Mr. Carleton, William - Simon Fraser University (Presenting author); Professor Campbell, David - Department of Statistics, Simon Fraser University

02. **Columbus’ footprint in Hispaniola: European impacts on the landscape of the Cibao Valley, northern Dominican Republic**
    RMA Castilla Beltrán, Alvaro - Leiden University; University of
03. Resilient Past Caribbean Communities: Using the archaeological record to investigate adaptability and heritage preservation in the Caribbean. Stancioff, Charlotte - Leiden University; Prof/ Dr. Hofman, Corinne - Leiden University (Presenting author)

04. Archaeology, Policy and Environment: An EIS on the Effects of “Draining the Swamp”. Walsh, Matthew - Aarhus University (Presenting author)


06. An Archaeology of Adaptation: Uncovering Emergent Vulnerabilities from the Past. Mr Jackson, Rowan - University of Edinburgh; Aarhus University (Presenting author); Dr. Riede, Felix - Aarhus University; Prof. Dugmore, Andrew - University of Edinburgh

07. KEYNOTE: Who is afraid of climate change? Professor Doctor Van de Noort, Robert - University of Reading (Presenting author)

08. Learning from ancient water management: Archaeology’s role in modern climate change adaptations. Dr. Kaptijn, Eva - Royal Belgian Institute of Natural Sciences (Presenting author)

09. Climate history/culture history. Adding value through coupled natural and cultural heritage in the context of a large municipal adaptation project. Dr Riede, Felix - Aarhus University (Presenting author)

10. KEYNOTE: How to Put the Past into Climate Change Policy and Response: A view from the US federal government. Dr Rockman, Marcy - US National Park Service (Presenting author)

11. What to do next? Early experiences with the multi-disciplinary, multi-national collaborative STORM climate and heritage project. Dr Williamson, Rob - Mellor Archaeological Trust; Mr Thompson, Adam - University of Salford (Presenting author)

12. Citizen archaeology and climate change. Graham, Elinor - SCAPE; University of St Andrews (Presenting author); Dawson, Tom - University of St Andrews

13. Climate change, communities and communication: challenges and opportunities in England. Dr Fluck, Hannah - Historic England (Presenting author)

14. Holocene climate change and human societies. Lessons to learn from the past? Professor Dr Hafner, Albert - University of Bern (Presenting author)
WHAT HAS HAPPENED IN CERAMIC STUDIES SINCE BRUGGE 1997?

Theme: 6. Interpreting the archaeological record
Room: 1.17
Date: Thursday, August 31
Time: 14:00 - 18:15
Organiser: Hall, Derek (United Kingdom) - Centre for Environment, Heritage and Policy, Stirling University, Scotland; De Groote, Koen (Belgium) - Erfgoedonderzoeker Archeologie
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. Is the cup half full? Quality and Standards in Pottery Studies in Britain Mr Brown, Duncan - HE - Historic England (Presenting author)

02. An interrupted path? Rethinking medieval ceramic studies in Italy in the last 40 years. Full-time Researcher Citter, Carlo - University of Siena (Presenting author)

03. The network ICERAMM "Information for Medieval and Modern Ceramics" and its website database: results and prospects 10 years after creating. Ingénieur Recherche CNRS Husi, Philippe - CNRS, UMR 7324 CITERES-LAT (Presenting author)

04. Too Much Truffling? Returning to the Big Picture in Medieval Ceramic Studies Dr Jervis, Ben - Cardiff University, School of History, Archaeology and Religion (Presenting author)

06. Early modern ceramics in Flanders (Belgium): pain or pleasure? Dr. Poulain, Maxime - Ghent University; SOLVA (Presenting author)

07. Pottery research in Flanders: a balance of the past 20 years Dr. De Groote, Koen - Flanders Heritage Agency (Presenting author)

08. The fabric of our being? Scotland’s Medieval ceramics in the 21st Century Mr Hall, Derek - Derek Hall, archaeologist and ceramic specialist; Stirling University (Presenting author)


10. Imports and local production – new views on an extensive pottery collection from Lödöse, a medieval town in western Sweden. Senior Archaeologist Jeffery, Sonia - Västarvet/Lödöse Museum; Dr Brorsson, Torbjörn - Ceramic Studies, Sweden (Presenting author)

11. The early medieval ceramics in French Coastal Flanders: technical and typological analysis Ms Vincent, Vaiana - INRAP; CRAHAM - UMR 6273; Mr Routier, Jean-Claude - INRAP (Presenting author)

12. Pottery from southern lower Saxony and its impact on the Norwegian ceramic sequence in late medieval and early modern period Mag. Demuth, Volker - Arkeologisk museum, Universitetet i Stavanger (Presenting author)
13. **Paffrath, Pingsdorf or Breitscheid? - A review of medieval greyware production in the Rhine-land**  
M.A. Keller, Christoph - LVR - Amt für Bodendenkmalpflege im Rheinland (Presenting author)

14. **The early-modern town of Nya Lödöse - Ceramic studies within a large-scale contract archaeology project**  
MA Gustavsson, Jeanette - Rio Göteborg Natur och Kulturkooperativ; MA Forsblom Ljungdahl, Veronica - Bohusläns museum (Presenting author)

15. **The influence of the Roman market in the Lazio region: comparison of two case studies**  
Dr Brancazi, Beatrice - Sapienza, Università di Roma; Dr Graziano, Maria Stella - Sapienza, Università di Roma (Presenting author)

**POSTERS**

**Characterization of ceramic sherds from Bulgaria in terms of firing temperatures determined by rock-magnetic studies**  
Dr Kostadinova-Avramova, Maria - National Institute of Geophysics Geodesy and Geography, BAS (Presenting author); Prof Jordanova, Daniela (Neli) - National Institute of Geophysics Geodesy and Geography, BAS; Prof Jordanova, Diana - National Institute of Geophysics Geodesy and Geography, BAS; Dr Grigorov, Valeri - National Archaeological Institute with Museum, BAS; Dr Lesigyarski, Deyan - National Institute of Geophysics Geodesy and Geography, BAS; Dr Dimitrov, Petar - National Archaeological Institute with Museum, BAS; Dr Bozhinova, Elena - Regional Archaeological Museum in Plovdiv, Bulgaria
301  NEW TRAINING MODELS TO INNOVATE EUROPEAN ARCHAEOLOGY. THE CHALLENGE OF PUBLIC ARCHAEOLOGY

Theme: 3. Trans- and Metadisciplinary Approaches in Archaeology
Room: 0.2
Date: Saturday, September 2
Time: 14:00 - 16:45
Organiser: González-Marcén, Paloma (Spain) - Universitat Autònoma de Barcelona; Holtorf, Cornelius (Sweden) - Linneaus University; Chowaniec, Roksana (Poland) - University of Warsaw; Galanidou, Nena (Greece) - University of Crete
Format: Round table

302  INTEGRATING NATURAL AND CULTURAL HERITAGE. INTERNAL COHERENCE AND EXTERNAL EFFICIENCY

Theme: 3. Trans- and Metadisciplinary Approaches in Archaeology
Room: 2.14
Date: Saturday, September 2
Time: 8:30 - 12:45
Organiser: Van Londen, Heleen (Netherlands) - University of Amsterdam; Felgueiras, Marcial (Portugal) - A Rocha Portugal
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. Integrating natural and cultural heritage. Practical solutions and educational strategies for heritage professionals Professor Marciniak, Arkadiusz - Adam Mickiewicz University (Presenting author)

02. Natural Heritage management, or is it Cultural Heritage after all? Towards new commons and sharing interests in the landscape. Dr. Pedroli, Bas - Wageningen University & Research (Presenting author)

03. HERCULES: Managing landscapes of the “long now” Prof. dr. Kolen, Jan - Leiden University. Leiden, The Netherlands (Presenting author)

04. Connecting natural and cultural heritage practices Schlaman, Marjo - University of Amsterdam (Presenting author)

05. Landscape of visions. Nature and culture in the parks and gardens at the manorial estate Ekolsund in Sweden. Associate Professor Ahrland, Asa - Department of landscape architecture, planning (Presenting author)

06. Mind the Gap! Overcoming disciplinary boundaries Dr. Van Londen, Heleen - University of Amsterdam (Presenting author)
07. **Cultural and Natural Heritage: a marriage of convenience?** Ruiz del Árbol Moro, María - CSIC (Presenting author); García Basanta, Sonia - CSIC; Pecharromán Fuente, Juan Luis - CSIC

08. **Integrating Cultural and Natural Resource Management in the United States** Dr Altschul, Jeff - Statistical Research, Inc./SRI Foundation (Presenting author); Dr Heilen, Michael - Statistical Research, Inc.

09. **The role of heritage in society: a Human Rights perspective** Edeso, Mikel - Aranzadi Science Society (Presenting author)

10. **Cultural and Natural Capital in England. Challenges and opportunities for embedding heritage in ecosystem services approaches to the environment.** Dr Fluck, Hannah - Historic England (Presenting author); Lake, Jeremy - FSA

11. **Heritage and the Public: Crowd-based Initiatives** Travaglia, Andrea - University of Amsterdam (Presenting author)

12. **Heritage discourse in society - expert & public knowledge** Dr Kajda, Kornelia - Adam Mickiewicz University in Poznań (Presenting author)

13. **Wet and Wonderful: natural and cultural heritage working in harmony in the Somerset wetlands, UK** Dr Brunning, Richard - South West Heritage Trust (Presenting author)

14. **Education for professionals** Rocks-Macqueeen, Doug - Landward Research Ltd., UK; Marciniak, Jacek - Adam Mickiewicz University, Poznań, Poland (Presenting author)

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**303  WHO OWNS THE BATTLEFIELD? TRANS- AND METADISCIPLINARY APPROACHES IN ARCHAEOLOGY**

**Theme:** 3. Trans- and Metadisciplinary Approaches in Archaeology

**Room:** 1.06

**Date:** Thursday, August 31

**Time:** 8:30 - 12:45

**Organiser:** Kok, Ruurd (Netherlands) - RAAP Archaeologisch Adviesbureau; Bracke, Maarten (Belgium) - Monument - Van de Kerckhove; Seitsonen, Oula (Finland) - University of Helsinki, Arkteekki; Wijnen, Jobbe (Netherlands) - Wijnen Cultuurhistorisch Onderzoek; Schute, Ivar (Netherlands) - RAAP Archeologisch Adviesbureau; Verdegem, Simon (Belgium) - Ruben Willaert bvba

**Format:** Session, made up of a combination of papers, max. 15 minutes each

**ABSTRACTS**

01. **Who owns the Wilderness? Second World War Heritage in Finnish Lapland** Mr Seitsonen, Oula - University of Helsinki (Presenting author)

02. **‘Conflict archaeology on display’: the interaction between war museums and archaeologists in Flanders** Heyvaert, Bert - Group Monument; Conflict in contact (Presenting author)
03. The owners of the battlefield on the Grebbeberg Mount - in conflict with each other. Drs Schute, Ivar - RAAP Consultancy; Drs Kok, Ruurd - RAAP Consultancy (Presenting author)

04. Archaeology of emotions: excavating the battlefield Archaeology of emotions: excavating the battlefield Verdegem, Simon - Ruben Willaert bvba (Presenting author)

05. What about metaldetecting and metaldetectorists? What about metaldetecting and metaldetectorist? Bracke, Maarten - ABarcheologie (Presenting author)

06. Insights in the possibilities of an electromagnetic induction sensor to map the military remains in the former WW1 front zone. PhD Saey, Timothy - Universiteit Gent (Presenting author); Note, Nicolas - Universiteit Gent; PhD Stichelbaut, Birger - Universiteit Gent; PhD Gheyle, Wouter - Universiteit Gent; Prof. Van Meirvenne, Marc - Universiteit Gent

07. Beneath the surface Dr McWilliams, Anna - Södertörn University College (Presenting author)

08. World War 2 shipwrecks: Places of cultural significance, war graves or for economic gain? Drs. Manders, Martijn - Maritime Programme of the Cultural Heritage Agency of the Netherlands; Drs. De Hoop, Robert - Maritime Programme of the Cultural Heritage Agency of the Netherlands (Presenting author); Gombert, Merijn - Maritime Programme of the Cultural Heritage Agency of the Netherlands

306 INTEGRATING NATURAL AND CULTURAL HERITAGE. POLITICAL CONDITIONS AND FUTURE DEVELOPMENTS

Theme: 3. Trans- and Metadisciplinary Approaches in Archaeology
Room: 2.14
Date: Saturday, September 2
Time: 14:00 - 15:15
Organiser: Schlaman, Marjo (Netherlands) - University of Amsterdam; Marciniak, Arkadiusz (Poland) - Adam Mickiewicz University, Poznań; Van Londen, Heleen (Netherlands) - University of Amsterdam
Format: Session with a key note speaker with contributions from discussants and discussion
Speaker: Rosa Martinez (Spokeswoman for the Spanish Green Party - EQUO and Member of the Spanish Parliament)

ABSTRACTS

01. Changes and challenges for Europe’s heritage Martinez, Rosa - EQUO and Member of the Spanish Parliament (Presenting author)

02. The impact of the Common Agricultural Policy on archaeological heritage. Cause and remedy? Mr Cordemans, Karl - Flemish Land Agency; Mr Byrnes, Emmet - Department of Agriculture, Food and the Marine (Presenting author); Mr Van Rooien, Cees - Rijksdienst voor het cultureel erfgoed (Presenting author)

03. Legitimacy of State Control Over Heritage Sites: The Case of Turkey in Historical Perspective Assist. Prof. Dr. Akture, Zeynep - Izmir Institute of Technology (Presenting author)
308  FADING IN AND OUT OF VIEW. COPPER AGE INNOVATIONS IN THEIR SOCIAL CONTEXT

Theme: 6. Interpreting the archaeological record
Room: 1.06
Date: Saturday, September 2
Time: 8:30 - 12:45
Organiser: Hofmann, Daniela (Germany) - Universität Hamburg; Siklosi, Zsuzsanna (Hungary) - Eötvös Loránd University
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. Fading in and out of view: Introduction Dr Hofmann, Daniela - Hamburg University; Dr Siklosi, Zsuzsanna - Eötvös Loránd University Budapest (Presenting author)

02. Prehistoric Innovations and Dynamic Networks Dr. Klimscha, Florian - Excellence-Cluster TOPOI; Deutsches Archäologisches Institut - Eurasien Abteilung (Presenting author)

03. The adoption of innovations: social mechanisms of culture change Professor Dr Fokkens, Harry - Faculty of Archaeology, Leiden University (Presenting author)

04. Tracing the degree of innovation in the Chalcolithic ceramic assemblages from Eastern Romania. The case of shell tempered pottery Archaeologist Matau, Florica - Alexandru Ioan Cuza University of Iasi; Interdisciplinary Research Department-Field Science (Presenting author)

05. New winds of change. The transformation of the pottery repertoire at the Münchshöfen site in Riedling. Dr. Szilágyi, Márton - Hamburg University (Presenting author)

06. Communities of destruction: unusual deposits in the Münchshöfen culture as identity-making practices Dr Hofmann, Daniela - Hamburg University (Presenting author)

07. Long Distance Relations and Social Context of a Middle Copper Age Hoard from Magyaregres (Hungary) Hornok, Peter - Dolabra Ltd.; Dr. Kiss, Peter - Savaria Museum; Lekri Group Ltd. (Presenting author)

08. A Play about Materialised Visions: Axe-, Dagger-, Stone-, Bone- and Ice-People on the Move Dr.phil.hist Gross, Eda - Kanton Zug, Direktion des Innern, Amt für Denkmalpflege und Archäologie; University of Basel (Presenting author)

09. In the middle of nowhere – Understanding the social role of Copper Age metallurgy on the Great Hungarian Plain Dr Síklói, Zsuzsanna - Eötvös Loránd University (Presenting author)

10. Tools of distinction. The appearance and the social role of ‘milk jugs’ in the Copper Age of Eastern Hungary. Dr. Szilágyi, Márton - Hamburg University; ELTE University Budapest (Presenting author)

11. Nature of changes: subsistence strategy in the light of the materiality in Late Copper Age Carpathian Basin Dr. Fabian, Szilvia - Hungarian National Museum, Budapest, Hungary (Presenting author)
Herder and his cattle, unique presentation on a copper aged pottery from The Carpathian Basin, East-Europe Fekete, Laszlo - Herman Otto Museum (Presenting author)
Shaken, not stirred – old methods and items with new meanings in the Early-Middle Copper age graves, Eastern Hungary Faragó, Norbert - Eötvös Loránd University, Institute of Archaeological Sciences (Presenting author)

309 AT THE GAME TABLE. ARCHAEOLOGY IN (VIDEO)GAMES
Theme: 3. Trans- and Metadisciplinary Approaches in Archaeology
Room: 0.11
Date: Thursday, August 31
Time: 15:30 - 18:15
Organiser: Dennis, L. Meghan (United States) - University of York; Linde, Lennart (Germany) - Goethe University Frankfurt; Politopoulos, Aris (Greece) - Leiden University; Mol, Angus (Netherlands) - Stanford University; Ariese-Vandemeulebroucke, Csilla (Netherlands) - Leiden University; Boom, Krijn (Netherlands) - Leiden University
Format: Round table

310 SCIENTIFIC APPROACHES TO THE STUDY OF ORNAMENTS. FROM THE ARCHAEOLOGIST’S TOOLKIT TO BODY ADORNMENT IN THE PAST
Theme: 4. The ‘Third Science Revolution’ in Archaeology
Room: 1.12
Date: Thursday, August 31
Time: 14:00 - 18:15
Organiser: Guzzo Falci, Catarina (Netherlands) - Leiden University; Winnicka, Kinga (Poland) - University of Wroclaw; Van Gijn, Annelou (Netherlands) - Leiden University
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS
01. X-ray micro-CT helps archaeologists to write the biography of ancient ornaments Dr NGAN-TILLARD, DOMINIQUE - TU DELFT- Faculty of Civil Engineering and Geosciences (Presenting author); Dr Huisman, Hans - Cultural Heritage Agency of the Netherlands; Prof. Dr. Van Gijn, Annelou - Leiden University, Faculty of Archaeology
02. Making stone bracelets in the Early Neolithic of northwestern Romania
Archaeologist Astalos, Ciprian - Satu Mare County Museum (Presenting author)

Knaf, Alice - Vrije Universiteit Amsterdam (Presenting author); Dr. Koornneef, Janne - Vrije Universiteit Amsterdam; Prof. Davies, Gareth - Vrije Universiteit Amsterdam

06. Beneath the strings: Examining ethnographic body ornaments through microwear analysis
Guzzo Falci, Catarina - Leiden University (Presenting author); Prof. dr. Van Gijn, Annelou - Leiden University; Prof. dr. Hofman, Corinne - Leiden University

08. Mesolithic adornments in the Iron Gates
Margarit, Monica - Valahia University of Targoviste, Romania (Presenting author); Boroneant, Adina - Institute of Archaeology "Vasile Parvan", Romanian Academy, Romania; Radu, Valentin - National Museum of Romanian History, Romania; Bonsall, Clive - University of Edinburgh, School of History, Classics and Archaeology, United Kingdom

09. From raw material to final products. Evidences of beads manufacture in the early Neolithic site of La Draga (NE Iberia)
Dr Terradas, Xavier - Spanish National Research Council (CSIC-IMF, Barcelona) (Presenting author); Dr Oliva, Mònica - Universitat Autònoma de Barcelona - Department of Prehistory; Dr Verdún, Ester - Aix-Marseille Université. LAMPEA UMR7269, Aix-en-Provence; Dr Bogdanovic, Igor - Universitat Autònoma de Barcelona - Department of Prehistory; Dr Gibaja, Juan F. - Spanish National Research Council (CSIC-IMF, Barcelona); Ms Morera, Núria - Universitat Autònoma de Barcelona - Department of Prehistory; Dr Piqué, Raquel - Universitat Autònoma de Barcelona - Department of Prehistory

11. Cylindrical bone beads of the EBA Mierzanowice culture of Poland: manufacture-use-meaning studied with imaging and morphometric methods
MA Winnicka, Kinga - Institute of Archaeology, University of Wroclaw, Poland (Presenting author)

12. Shell ornaments from Cova Foradada (Mediterranean façade of Iberian Peninsula)
Verdún-Castelló, Ester - Aix-Marseille Université (Presenting author); Fuggi, Angela - Aix-Marseille Université; Casabó i Bernad, Josep - Conselleria d'Educació, Investigació, Cultura I Esport. Direcció Territorial de Castelló

13. Studying ornaments from the Epigravettian and Mesolithic layers of Vlakno cave, Croatia:
Some preliminary results
Dr Radović, Siniša - Institute for Quaternary Palaeontology and Geology, Croatian Academy of Sciences and Arts, Zagreb; Dr Cвитkušić, Barbara - Institute for Anthropological Research, Zagreb; Dr Vitezović, Selena - Institute of Archaeology, Belgrade (Presenting author); Dr Vujević, Dario - Department of Archaeology, University of Zadar, Zadar
14. **Re-analysing shell ornaments - case studies on Neolithic and Early Bronze Age burials in Poland**
Dr Sobkowiak-Tabaka, Iwona - Institute of Archaeology and Ethnology Polish Academy of Sciences; Dr Kurzawska, Aldona - Institute of Archaeology and Ethnology Polish Academy of Sciences (Presenting author); Dr Pyzewicz, Katarzyna - Institute of Archaeology Adam Mickiewicz University; Dr Mrozek-Wysocka, Małgorzata - Institute of Geology Adam Mickiewicz University; Szczepaniak, Katarzyna - Museum of the Earth, Polish Academy of Sciences

**POSTERS**

**The smallest ornaments. Some approaches to the study of Early Iron Age kaolin beads found in North-Thracian graves.** PhD Mandescu, Dragos - Arges County Museum (Presenting author); PhD Mihalache, Maria - Institute for Nuclear Research, Pitesti; PhD Stanculescu, Ioana - Horia Hulubei National Institute for R&D in Physics and Nuclear Engineering

**Ennoblement or imitation? A case of the fibulae from the Wielbark culture cemetery in Małe Czyste (Chełmno land, Poland)** PhD student Pronobis, Maria - Institute of Archaeology Nicolaus Copernicus University (Presenting author); Dr Bokiniec, Ewa - Institute of Archaeology Nicolaus Copernicus University; PhD student Kowalski, Łukasz - Institute of Archaeology Nicolaus Copernicus University; Dr eng. Garbacz-Klepka, Aldona - AGH University of Science and Technology

**Experimental approach of shell bead manufacturing techniques during the Epigravettian: efficiency and traces variability** Hoareau, Leïla - Université Cote d’Azur, CNRS, CEPAM, France (Presenting author); Zen, Chiara - Universita degli Studi di Ferrara, Dipartimento di Studi Umanistici, Sezione di Scienze Preistoriche e Antropologiche, Ferrara, Italia; Fontana, Federica - Universita degli Studi di Ferrara, Dipartimento di Studi Umanistici, Sezione di Scienze Preistoriche e Antropologiche, Ferrara, Italia; Beyries, Sylvie - Université Cote d’Azur, CNRS, CEPAM, France

**Archaeometry of shell and stone ornaments from a Middle Neolithic burial of Cuccuru is Arrius, Cabras (Sardinia, Italy)** Puddu, Valentina - University of Cagliari; Laboratory of Sardinian Antiquities and Paleoethnology; Department of History, Cultural Heritage and Territory (Presenting author); De Giudici, Giovanni - University of Cagliari; Department of Chemical and Geological Science; Lugliè, Carlo - University of Cagliari; Laboratory of Sardinian Antiquities and Paleoethnology; Department of History, Cultural Heritage and Territory
OBJECTS AND IMAGES. MATERIALITY OF LIVED RELIGION IN THE CLASSICAL WORLD

Theme: 6. Interpreting the archaeological record
Room: 1.07
Date: Friday, September 1
Time: 8:30 - 12:45
Organiser: Berg, Ria (Finland) - University of Tampere; Kuivalainen, Ilkka (Finland) - University of Helsinki; Coralini, Antonella (Italy) - University of Bologna
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. Pompei: l’immaginario urbano perduto di Apollo e Atena Prof. Osanna, Massimo - Soprintendenza Pompei; Prof. Rescigno, Carlo - Università degli studi della Campania (Presenting author)

02. Sacred figures, objects and places: Hercules in the domestic sphere. PROF. ANTONELLA, CORALINI - University of BOLOGNA (Presenting author)

03. Painted Sculptured Bacchus in Pompeii Kuivalainen, Ilkka - University of Helsinki (Presenting author)

04. The telamons of the Forum Baths in Pompeii as symbols of masculine self-control and the fertile force of the wild Mr. Hakanen, Ville - University of Helsinki (Presenting author)

05. The Magic of the Mundane. Women and versatile objects: in The Great Fresco of the Villa of Mysteries, Pompeii Professor Dr Lindstrøm, Torill Christine - University of Bergen (Presenting author)

06. A sacred union? Reflections on the function, representation, and meaning of the couple ‘jug/patera’ in the Roman imperial age Dr. Berg, Ria - University of Tampere (Presenting author)

07. What’s in a vase? Prototypes, iconography and symbolism of Roman cinerary vases in Egyptian stone. Dr Perna, Simona - British School at Rome (member)/Independent Researcher (Presenting author)

08. Sacra privata in Central Italy. New data from an archaeological research Post Doc Fellow Bassani, Maddalena - University of Padova Italy (Presenting author)

09. Everyday rituals: cults, homes and women in western Sicily, 8th – 5th centuries BC) Ferrer Martin, Meritxell - Universitat Pompeu Fabra (Presenting author)

POSTERS

Statues of Aphrodite from the Black Sea Area: Between Art and Religion Ms Manea, Elena Brîndusă - Alexandru Ioan Cuza University of Iasi (Presenting author)

Newly discovered area sacra in Pannonia superior Dr. Kiss, Peter - Lekri Group Ltd.; Savaria Museum (Presenting author)
312 MENTORING. ANNUAL ROUND TABLE OF THE EAA'S COMMITTEE ON THE TEACHING AND TRAINING OF ARCHAEOLOGISTS

Theme: 1. Twenty-five Years after Maastricht: Archaeology and Europe's future
Room: 2.3
Date: Saturday, September 2
Time: 10:00 - 12:45
Organiser: Karl, Raimund (United Kingdom) - Bangor University; Kerr, Sarah (Belgium) - KU Leuven
Format: Round table

313 EUROPEAN TOWNS AND THEIR ENVIRONMENT IN HIGH DEFINITION. THE 3RD REVOLUTION IN URBAN ARCHAEOLOGY

Theme: 3. Trans- and Metadisciplinary Approaches in Archaeology
Room: 1.05
Date: Thursday, August 31
Time: 14:00 - 18:15
Organiser: Degraeve, Ann (Belgium) - Brussels Regional Public Service; Ashby, Steve (United Kingdom) - University of York; Morris, James (United Kingdom) - University Of Central Lancashire; Groot, Maaike (Netherlands) - Vrije Universiteit Amsterdam; Maltby, Mark (United Kingdom) - Bournemouth University; Sindbæk, Søren Michael (Denmark) - Aarhus University; Devos, Yannick (Belgium) - Université Libre de Bruxelles, Centre de Recherches en Archéologie et Patrimoine; Nicosia, Cristiano (Italy) - Consulente Libero Professionista in Geoarcheologia e Micromorfologia
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. Environmental Evidence from Early Urban Antwerp: New Data from Archaeology, Micromorphology, Macrofauna and Insect Remains Mr. Bellens, Tim - Urban Archaeology Department, City of Antwerp (Presenting author); Prof. Dr. Crabtree, Pam J. - Anthropology Department, Center for the Study of Human Origins, New York University; Institute for the Study of the Ancient World, New York University; Dr. Reilly, Eileen - UCD School of Archaeology, University College Dublin; Dr. Wouters, Barbora - Vrije Universiteit Brussel; Research Foundation Flanders (FWO); University of Aberdeen; Dr. Devos, Yannick - Centre de Recherches en Archéologie et Patrimoine, Université Libre de Bruxelles; Ms. Schryvers, Anne - Urban Archaeology Department, City of Antwerp

02. European towns in high definition: micromorphology as a game changer for understanding early medieval and Viking-age urbanism (Hedeby, Germany) Dr Wouters, Barbora - Vrije Universiteit Brussel; University of Aberdeen (Presenting author)
03. Into the Melting Pot: Culinary Identities in Viking-Age England Dr Ashby, Steven - University of York; Professor Craig, Oliver - University of York (Presenting author); Dr Radini, Anita - University of York

04. Looking through a glass onion? Tracing the urban network of the early medieval bead maker Professor Dr Sindbæk, Søren - Aarhus University; Ass. Prof. Barfod, Gry - Aarhus University (Presenting author)

05. Artefact geographies of the Viking Age: Combs, ZooMS, and Early-Medieval Communication Muñoz-Rodríguez, Mariana - University of York; Stockholm University (Presenting author)

06. Around the Barbarian Sea: The end of the early medieval settlements of the Baltic. Thoeming, Alix - The University of Sydney (Presenting author)

07. Assessing the late medieval urban footprint Dr Oosten, Roos - Leiden University (Presenting author)

08. High resolution studies of the urban stratigraphy in Brussels (Belgium) Mr Devos, Yannick - Université Libre de Bruxelles; Dr Nicosia, Cristiano - Université Libre de Bruxelles, Centre de Recherches en Archéologie et Patrimoine; Dr Vrydaghs, Luc - Université Libre de Bruxelles, Centre de Recherches en Archéologie et Patrimoine; Ms Modrie, Sylvianne - Department of Archaeology, Brussels Regional Public Service; Dr Degraeve, Ann - Department of Archaeology, Brussels Regional Public Service (Presenting author)

09. The Lisbon Connection - Traces of World Trade Routes in 17th Century Gothenburg Mr Wennberg, Tom - Museum of Gothenburg (Presenting author)

10. A geoarchaeological tale of two insulae: urban life in a Roman frontier zone Banerjea, Rowena - University of Reading (Presenting author); Fulford, Mike - University of Reading; Barnett, Catherine - University of Reading

11. Assessing crop cultivation and provision through stable isotope analysis on botanical remains from medieval Odense Ms Hammers, Neeke - Aarhus University; Centre for Urban Network Evolutions (Presenting author)

12. Stories from the City, Stories from the Sea: building narratives using high-resolution chronological synthesis of urban ecofactual data Dr. Orton, David - University of York (Presenting author); Dr. Morris, James - University of Central Lancashire

13. Scavengers. An Ecological Perspective on the Urban Wildlife of a 6th Century City Dr Baron, Henriette - Römisch-Germanisches Zentralmuseum (Presenting author)

POSTERS

On the border of the town and the river, Prague waste dumps 14th - 19th century Mgr. Kuchařík, Milan - Labrys o.p.s. (Presenting author)

Phytolith based identification of crop plants within urban contexts. A micromorphological approach Dr Vrydaghs, Luc - Université Libre de Bruxelles; Prof. B Ball, Terry - Brigham Young University; Prof. Fuller, Dorian - University College London; Mr Devos, Yannick - Université Libre de Bruxelles (Presenting author)
THE VALUE OF ALL THINGS. VALUE EXPRESSION AND VALUE ASSESSMENT IN THE ANCIENT WORLD (EUROPE, NEAR EAST AND THE MEDITERRANEAN)

Theme: 6. Interpreting the archaeological record
Room: 2.7
Date: Saturday, September 2
Time: 14:00 - 16:45
Organiser: Gorgues, Alexis (France) - Bordeaux Montaigne University; Melheim, Lene (Norway) - Museum of Cultural History, Oslo; Poigt, Thibaud (France) - Casa de Velazquez; Toulouse-Jean Jaurès and Bordeaux Montaigne universities
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. Introduction Mr Poigt, Thibaud - Casa de Velazquez; Université Bordeaux Montaigne; Université Toulouse 2 Jean-Jaurès (Presenting author)

02. Different culture – different value PhD Gralak, Tomasz - Uniwersytet Wrocławski (Presenting author)

03. Minoan value? Meaning of the artifacts from Crete in Mycenaean Grave Circles MA Dudlik, Katarzyna - Adam Mickiewicz University (Presenting author)

04. Do beads have value beyond the aesthetic? Dr Miller, Holly - University of Nottingham (Presenting author); Dr Bysal, Emma - Trakya University

05. Labour and value in the Western Mediterranean Iron Age Dr Gorgues, Alexis - Université Bordeaux Montaigne; UMR 5607 Ausonius (Presenting author)


07. Tools and tokens of value: Massive shaft-hole axes as value denominators in Bronze Age Scandinavia PhD Melheim, Lene - Museum of Cultural History University of Oslo (Presenting author)

08. The earliest balance weights in the West: exploring long-distance connections in value-systems across Bronze Age Europe Dr Ialongo, Nicola - Georg-August-Universität Göttingen (Presenting author)
GUNFLINTS. PRODUCTION, DISTRIBUTION AND USE

Theme: 5. Comparing Archaeology Across Regions and Periods
Room: 2.3
Date: Thursday, August 31
Time: 8:30 - 11:15
Organiser: Budziszewski, Janusz (Poland) - Cardinal Stefan Wyszynski University in Warsaw; Trnka, Gerhard (Austria) - Institute of Prehistoric and Historical Archaeology, University of Vienna; Hauzeur, Anne (Belgium) - SARL Paleotime and cooperation partner of the Royal Belgian Institute of Natural Sciences; Brandl, Michael (Austria) - Austrian Academy of Sciences, OREA-Institute, Dept. for European Archaeology
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. Gunflint workshops within the historical borders of Kingdom of Poland
MA Niebylski, Jakub - Jagiellonian University, Cracow (Presenting author)

02. Traces of modern flint mining in Cracow center of gunflint production
MA Jakubczak, Michał - Institute of Archaeology and Ethnology Polish Academy of Sciences, Warsaw; Institute of Archaeology, Cardinal Wyszyński University in Warsaw (Presenting author); MA Szubski, Michał - Institute of Archaeology, Cardinal Wyszyński University in Warsaw; MA Niebylski, Jakub - Institute of Archaeology, Jagiellonian University, Cracow; Dr Budziszewski, Janusz - Institute of Archaeology, Cardinal Wyszyński University in Warsaw

03. Flint knapping technology at gunflint workshops near Cracow (South Poland). First approach
MA Szubski, Michał - Institute of Archaeology, University of Cardinal Stefan Wyszynski in Warsaw (Presenting author); Dr Gruźdż, Witold - State Archaeological Museum in Warsaw; Dr Budziszewski, Janusz - Institute of Archaeology, University of Cardinal Stefan Wyszynski in Warsaw

04. Honey brown gunflints from Belarus and gunflint workshop in Zelków (South Poland) – the state of knowledge
Dr Werra, Dagmara H. - The Institute of Archaeology and Ethnology Polish Academy of Sciences (Presenting author); Vashanau, Aliaksandr - Institute of History, National Academy of Sciences of Belarus; Dr Brandl, Michael - Oriental and European Archaeology (OREA), Austrian Academy of Sciences, Vienna; Asheichyk, Vitali - Institute of History, National Academy of Sciences of Belarus; Dr Wozny, Marzena - Archaeological Muzeum of Kraków

05. In the footsteps of Balthasar Hacquet. The rediscovery of Lichostiwne Hill, western Ukraine.
Dr. Brandl, Michael - Austrian Academy of Sciences, Institute for Oriental and European Archaeology (OREA); Dr. Trnka, Gerhard - University of Vienna, Institute of Prehistoric and Historical Archaeology (Presenting author)

06. Gunflints from the Ordon’s Redoubt (Warsaw) – an experimental and microwear approach
MA Paczkowski, Michał - State Archaeological Museum in Warsaw (Presenting author); PhD Pyzewicz, Katarzyna - Adam Mickiewicz University in Poznań; MA Migal, Witold - State Archaeological Museum in Warsaw
07. A gun flint place at Masnuy-Saint-Jean (Jurbise, prov. Hainaut, Belgium) Dr. Hauzeur, Anne - Paléotime (Presenting author); Prof. Trnka, Gerhard - University of Vienna; Dr. Brandl, Michael - Austrian Academy of Sciences; Ms Collet, Hélène - Service public wallon

**317 URBAN ENCOUNTERS. THE MATERIALITY OF MEETINGS IN PRE- AND EARLY MODERN TOWNS**

**Theme:** 6. Interpreting the archaeological record

**Room:** 1.05

**Date:** Thursday, August 31

**Time:** 8:30 - 12:45

**Organiser:** Dahlström, Hanna (Denmark) - Aarhus University; Museum of Copenhagen; Haase, Kirstine (Denmark) - UrbNet, Aarhus University; Odense City Museums; Wynne-Jones, Stephanie (United Kingdom) - Department of Archaeology, University of York

**Format:** Session, made up of a combination of papers, max. 15 minutes each

**ABSTRACTS**

01. Urban encounters – the materiality of meetings in pre- and early modern towns Dahlström, Hanna (Denmark) - Aarhus University; Museum of Copenhagen; Haase, Kirstine (Denmark) - UrbNet, Aarhus University; Odense City Museums; Wynne-Jones, Stephanie (United Kingdom) - Department of Archaeology, University of York

02. New neighbours in town Associate Professor Hansen, Gitte - University of Bergen (Presenting author)

03. Glass shards, food waste and a missing finger – Material remains of encounters in a late medieval house Mr Aalto, Ilari - University of Turku; Aboa Vetus & Ars Nova Museum (Presenting author)

04. Greeting friends, meeting strangers: Volatile encounters in the medieval town of Aarhus Curator Linaa, Jette - Moesgard Museum (Presenting author)

05. The St. Clement’s church in Trondheim: Religious space as facilitator for the formation of urban identities in Early Medieval Norway Petersén, Anna - NIKU - Norwegian Institute for Cultural Heritage Research; Sæhle, Ingeborg - NIKU - Norwegian Institute for Cultural Heritage Research (Presenting author)

06. The Production of Urban Space – the case of Kalmar, Sweden PhD Larsson, Stefan - National Historical Museum (Presenting author)

07. Materialised encounters: the archaeology of contacts and urban identity formation in 13th-century Tartu, Estonia Mr Haak, Arvi - Tartu City Museum (Presenting author)

08. Dirty cities, dirty neighbours: the role of sanitation in urban identity Mr O’Meara, Don - Historic England (Presenting author)
09. Encounters on the marketplace in light of chosen archaeological finds. Case of New Market square in Wroclaw. Dr Sawicki, Jakub - AU - Institute of Archaeology of the Academy of Sciences of the Czech Republic (Presenting author)

10. 'Pre-Modern Tangier Dataset Ver. 2.0': The Médina and its Micro-Region, as Encounter Space, Military Frontier Node, and Cross-Cultural Site Elbl, Martin Malcolm - The Portuguese Studies Review / Baywolf Press / Trent University (Presenting author)

11. A parasitological view on urban encounters Dr. Rieger, Dirk - Archäologie Hansestadt Lübeck; Dr. Flammer, Patrik - University of Oxford, department of Zoology (Presenting author)

12. The harbour zone of Copenhagen, meeting place & habitation area, 1350-1700. Curator Whatley, Stuart - Museum of Copenhagen (Presenting author)

13. The Lisbon Connection - Traces of World Trade Routes in 17th Century Gothenburg Mr Wennberg, Tom - Museum of Gothenburg (Presenting author)

14. 'Far from the barbarous manners of ancient pirates': Urban dining practices in early modern Dalmatia Garwood, Samantha - The University of Sheffield (Presenting author)

321 MARINE MAMMAL EXPLOITATION FROM A DIACHRONIC PERSPECTIVE

Theme: 6. Interpreting the archaeological record
Room: 2.8
Date: Thursday, August 31
Time: 14:00 - 16:45
Organiser: Glykou, Aikaterini (Sweden) - Archaeological Research Laboratory, Stockholm University; Gotfredsen, Anne Birgitte (Denmark) - University of Copenhagen, Zoological Museum

Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. Where did the seal come from? Sequential microsampling on prehistoric seal canines from the Baltic Sea reveals strontium isotopic variations Dr. Glykou, Aikaterini - Department of Archaeology and Classical Studies, Stockholm University (Presenting author); Dr. Eriksson, Gunilla - Department of Archaeology and Classical Studies, Stockholm University; Dr. Andersson, Per - Department of Geosciences, Swedish Museum of Natural History; Dr. Storà, Jan - Department of Archaeology and Classical Studies, Stockholm University; Schmitt, Melanie - Department of Geosciences, Swedish Museum of Natural History; Dr. Kooijman, Ellen - Department of Geosciences, Swedish Museum of Natural History; Dr. Lidén, Kerstin - Department of Archaeology and Classical Studies, Stockholm University

02. Archaeology and ancient genomics of Baltic harp seals Bro-Jørgensen, Maiken Hemme - Stockholm University; University of Copenhagen (Presenting author); Glykou, Aikaterini - Stockholm
University; Professor Lidén, Kerstin - Stockholm University; Olsen, Morten Tange - University of Copenhagen

03. **Medieval Walrus Hunting: Ecological, Economic and Social Perspectives** Dr. Barrett, James - McDonald Institute for Archaeological Research, University of Cambridge (Presenting author); Dr. Star, Bastiaan - Department of Biosciences, Centre for Ecological and Evolutionary Synthesis, University of Oslo; Dr. Boessenkool, Sanne - Department of Biosciences, Centre for Ecological and Evolutionary Synthesis, University of Oslo

04. **Cetacean Exploitation in Medieval London** MR Van den Hur, Youri - University College London (Presenting author)

05. **Seal exploitation in SE Baltic during 3900-2300 cal BC** Dr Piliciauskiene, Giedre - Vilnius University (Presenting author); Dr Scmölcke, Ulrich - Centre for Baltic and Scandinavian Archaeology; Dr Piliciauskas, Gytis - Lithuanian Institute of History

06. **Prehistoric exploitation of grey seal (Halichoerus grypus) in Denmark – the archaeozoological evidence.** Ph.D, post doc Gotfredsen, Anne Birgitte - Natural History Museum of Denmark, University of Copenhagen (Presenting author)

07. **Marine mammal hunting at Stora Karlsö in the Baltic Sea c.9200-7600 cal BP.** Prof Stora, Jan - Stockholm University (Presenting author); Ass Prof Apel, Jan - Department of Archaeology and Ancient History, Lund University

08. **Between the foraging and farming: seal exploitation by the Bronze Age communities of Saaremaa island, Estonia** Dr Wojtal, Piotr - Institute of Systematics and Evolution of Animals, Polish Academy of Sciences; Sławkowska 17, 31-016 Kraków, Poland; Dr Lõugas, Lembi - Archaeological Research Collection, Tallinn University, Rüütli 10, 10130 Tallinn, Estonia; Dr Wilczyński, Jaroslaw - Institute of Systematics and Evolution of Animals, Polish Academy of Sciences; Sławkowska 17, 31-016 Kraków, Poland (Presenting author)

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322 **WHAT IS SO SPECIAL ABOUT NEOLITHIC SPECIAL BUILDINGS?**

**Theme:** 6. Interpreting the archaeological record

**Room:** 1.08

**Date:** Saturday, September 2

**Time:** 14:00 - 16:45

**Organiser:** Dietrich, Oliver (Germany) - German Archaeological Institute; Dietrich, Laura (Germany) - German Archaeological Institute; Erdem, Deniz (Turkey) - Centre of Research and Assessment of Cultural Environment (TACDAM), Middle East Technical University; Notroff, Jens (Germany)
ABSTRACTS

01. **An Archaeology of ‘Special buildings’? Introductory remarks** M.A. Dietrich, Oliver - Deutsches Archäologisches Institut (Presenting author); Dr. Dietrich, Laura - German Archaeological Institute; Dr. Erdem, Deniz - Centre of Research and Assessment of Cultural Environment (TACDAM), Middle East Technical University; M.A. Notroff, Jens - German Archaeological Institute; Dr. Oross, Krisztian - Institute of Archaeology, Research Centre for the Humanities, Hungarian Academy of Sciences

02. **Introduction – Special buildings in the European Neolithic?** Professor Banffy, Eszter - RGK - Romanian-Germanic Commission DAI (Presenting author)

03. **What is so special about Epipalaeolithic and Pre-Pottery Neolithic “special buildings” in the region between the Levant and Upper Mesopotamia?** Dr. Kornienko, Tatiana - Voronezh State Pedagogical University (Presenting author)

04. **Special Spaces, Special Relations: An Ontological Approach to Pre-Pottery Neolithic Communal Buildings** Dr. Fagan, Anna - University of Melbourne (Presenting author)

05. **Plastering Rituals: Connecting Buildings and Bodies through Plaster** Dr. Erdem, Deniz - Middle East Technical University (Presenting author)

06. **Thoughts about special dwellings from tell settlement proximity. Sultana-Malu Rosu, a case study.** Dr. Theodor Aurelian, Ignat - National History Museum of Romania; Bucharest Municipality Museum (Presenting author); Dr. Catalin, Lazar - National History Museum of Romania

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**HISTORICAL MATERIALITY**

**Theme:** 6. Interpreting the archaeological record

**Room:** 1.05

**Date:** Friday, September 1

**Time:** 14:00 - 16:45

**Organiser:** Barrett, John (United Kingdom) - University of Sheffield; Kim, Jong-II (South Korea) - Seoul National University

**Format:** Session, made up of a combination of papers, max. 15 minutes each

**ABSTRACTS**

01. **Archaeology’s contribution to ‘Big History’** Professor Barrett, John - University of Sheffield (Presenting author)

02. **Technè and poiesis : an alternative way of understanding of ancient technology and materiality** Dr Kim, Jong-II - SEOUL NATIONAL UNIVERSITY (Presenting author)
03. Notes on Historical Particularism and its meaning in Archaeology Dr. Ribeiro, Artur - Christian-Albrechts-Universitat (Presenting author)

04. Tombs of Earth and Tombs of Stone – Different Materials, Different Histories Dr. Ko, Ilhong - Seoul National University (Presenting author)

05. Re-assembling context: archaeological things beyond objects Prof. Dallas, Costis - Faculty of Information, University of Toronto; Digital Curation Unit, IMIS - Athena Research Centre (Presenting author)

06. The social life of Imagery: Visual modes of material articulation in south Scandinavian rock art Ass. Prof. Fahlander, Fredrik - Stockholm University (Presenting author)

07. Bodies lost in materiality and flows- what place is left for human remains in the 'new materialisms' approaches in archaeology? Dr Ion, Alexandra - McDonald Institute for Archaeological Research (University of Cambridge) (Presenting author)

08. Budsene in the Flesh – involving Bronze Age women with life and production of the farm Dr Hjorungdal, Tove - Department of historical studies; University of Gothenburg (Presenting author)

09. Material agency as an anthropomorphic perspective and the persistence of the substance paradigm Dr Niculescu, Gheorghe Alexandru - Institutul de Arheologie (Presenting author)

326 DEVELOPING PROFESSIONAL STANDARDS FOR ARCHAEOLOGICAL FIELDWORK TRAINING

Theme: 1. Twenty-five Years after Maastricht: Archaeology and Europe's future
Room: 1.05
Date: Saturday, September 2
Time: 14:00 - 16:45
Organiser: Möller, Katharina (United Kingdom) - Bangor University; Majewski, Teresita (United States) - Statistical Research, Inc.; Bedin, Edoardo (United Kingdom) - Independent researcher
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS


02. Understanding skills and measuring competence in archaeology: fieldwork training in the UK Ms Geary, Kate - Chartered Institute for Archaeologists; Mr Moffat, Bill - Wessex Archaeology (Presenting author)

03. Adventures in training; reflections on a summer of moocs, fieldschools and venturers Dr. Forster, Amanda - DigVentures (Presenting author)
04. Dues duties and standards: archaeological fieldwork training from passion to profession  
Phd Cella, Elisa - Confederazione Italiana Archeologi; Phd Pintucci, Alessandro - Confederazione Italiana Archeologi (Presenting author)

05. Towards an international system of field school accreditation  
Moeller, Katharina - Bangor University (Presenting author); Karl, Raimund - Bangor University

330 USING LIVE INTERPRETATION, LIVING HISTORY / RE-ENACTMENT AND MUSEUM THEATRE TO INTERPRET ARCHAEOLOGICAL HERITAGE

Theme: 6. Interpreting the archaeological record  
Room: 1.10  
Date: Thursday, August 31  
Time: 8:30 - 11:15  
Organiser: Van Hasselt, Marc (Netherlands) - Novitas Heritage; IMTAL Europe; Interpret Europe; Dimitrovska, Vasilka (Macedonia) - HAEMUS

Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. The role of live interpretation in the comprehension of Gobustan rock carvings  
Ms Yusifova, Shebnem - Gobustan National Historical Artistic preserve; Dr Nuriyev, Rufat - Gobustan National Historical Artistic preserve; Yusifova, Shebnem - Gobustan National Historical Artistic preserve (Presenting author)

02. SCUPINI ROMANI - a chance to live like a Roman citizen from an ancient Skopje  
Archaeologist Dimitrovska, Vasilka - HAEMUS - Center for scientific research and promotion of culture (Presenting author)

03. Museum Escape - reaching more people by locking them up  
Museum Escape - reaching more people by locking them up van Hasselt, Marc - Novitas Heritage; Interpret Europe (Presenting author)

04. Wishes, Visions, and Practicalities: Creating a Balance in Living History Interpretation  
Hartford, Samantha - AmeriCorps (Presenting author)

05. Making the archaeological costumes - reconstruction and inspiration by an ancient heritage  
Ethnologist Tanevska, Magdalena - Magda (Presenting author)

06. Inclusive historical Re-enactment: making visible the past societies diversity through the theatrical in heritage sites  
Ms Pérez, Clara Isabel - Museu Comarcal Horta Sud (Presenting author); Soler Mayor, Begonya - Museu Prehistoria Valencia; Dra Jardón, Paula - Universidad de Valencia

07. “Vacation in the Past” - Effective Heritage Interpretation  
Vasszi, Réka - Csiki Pihenőkert (Presenting author)
08. The role of live interpretation in the comprehension of Gobustan rock carvings Dr Nuriyev, Rufat - Gobustan National Historical Artistic Preserve; Ms Yusifova, Shebnem - Gobustan National Historical Artistic preserve (Presenting author)

331 SILENT TRACES OF THE PAST. INTERPRETING RESULTS FROM ARCHAEOLOGICAL PROSPECTION

Theme: 6. Interpreting the archaeological record
Room: 2.7
Date: Thursday, August 31
Time: 14:00 - 18:15
Organiser: Rensink, Eelco (Netherlands) - Cultural Heritage Agency of the Netherlands; Keller, Christoph (Germany) - LVR-Amt fur Bodendenmalpflege im Rheinland
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. Silent traces of the past. A short introduction from a Dutch perspective. Dr RENSINK, Eelco - Cultural Heritage Agency of the Netherlands (Presenting author)

02. In search of Neanderthals by coring. A geoarchaeological survey of the buried Dutch loess-landscape along the BPL Drs. Paulussen, Rob - ArcheoPro (Presenting author); Drs. Raczynski-Henk, Yannick - ADC; university of Leiden

03. SETTLEMENT LAYOUT DEVELOPMENT IN THE CHALCOLITHIC CUCUTENI CULTURE OF NORTH-EASTERN ROMANIA. INTERPRETATION AND PRESENTATION OF PROSPECTION RESULTS
PhD Asandulesei, Andrei - "Alexandru Ioan Cuza" University of Iasi (Presenting author); PhD Tencariu, Felix-Adrian - "Alexandru Ioan Cuza" University of Iasi; PhD candidate Asandulesei, Mihaela - "Alexandru Ioan Cuza" University of Iasi; PhD candidate Balaur, Radu-Stefan - "Alexandru Ioan Cuza" University of Iasi

05. Landscape context of Roman sites – A transition region on the north western fringes of the Lower Rhineland Cott, Eva - LVR-Amt für Bodendenmalpflege im Rheinland (Presenting author)

06. Silence in the background noise? Detecting medieval farmsteads by artefact-accurate fieldwalking M.A. Keller, Christoph - LVR - Amt für Bodendenmalpflege im Rheinland (Presenting author)

07. Palynology as prospecting in archaeology Dr Ledger, Paul - University of Aberdeen (Presenting author)
POSTERS

Seeing beyond the surface Dr. Ciuperca, Bogdan - PRAHOVA DISTRICT MUSEUM OF HISTORY AND ARCHAEOLOGY; Dr. Măgureanu, Andrei - "Vasile Pârvan" Institute of Archaeology of the Romanian Academy in Bucharest (Presenting author); Mr. Anton, Alin - PRAHOVA DISTRICT MUSEUM OF HISTORY AND ARCHAEOLOGY

333 CROSS-DISCIPLINARY APPROACHES TO PREHISTORIC DEMOGRAPHY

Theme: 6. Interpreting the archaeological record
Room: 1.09
Date: Thursday, August 31
Time: 14:00 - 18:15
Organiser: Silva, Fabio (Spain) - IPHES - Institut Català de Paleoecologia Humana i Evolució Social; Fernández-López de Pablo, Javier (Spain) - IPHES - Institut Català de Paleoecologia Humana i Evolució Social; Vander Linden, Marc (United Kingdom) - UCL Institute of Archaeology
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. The Late Glacial and Early Holocene Iberian radiocarbon record: data quality control and filtering criteria for paleodemographic studies Gómez-Puche, Magdalena - Institut Català de Paleoeologia Humana i Evolució Social (IPHES), Tarragona, Spain (Presenting author); Gutierrez-Roig, Mario - Warwick Business School, University of Warwick, Coventry, UK; Lozano-Pérez, Sergi - Institut Català de Paleoecologia Humana i Evolució Social (IPHES), Tarragona, Spain; Àrea de Prehistòria, Universitat Rovira i Virgili (URV), Tarragona, Spain; Fernández-López de Pablo, Javier - Institut Català de Paleoecologia Humana i Evolució Social (IPHES), Tarragona, Spain; Àrea de Prehistòria, Universitat Rovira i Virgili (URV), Tarragona, Spain

02. Was population density a constraining factor for regional scale technological differentiation during the Paleolithic? Evaluating a heuristic model Dr. Malinsky-Buller, Ariel - RGZM (Presenting author); Dr. Glauberman, Phil - Institute of Archaeology and Ethnology, National Academy of Sciences of the Republic of Armenia.

03. Tracing the long-term demographic changes: The issue of spatial scales Dr Diachenko, Aleksandr - Institute of Archaeology of the NAS of Ukraine (Presenting author); Professor Dr Müller, Johannes - Institut fuer Ur- und Fruehgeschichte, CAU, Kiel

04. The New Wave! Or why there is still a point to speak of “demic wave” Dr Vander Linden, Marc - University College London (Presenting author)

05. ASSESSING HIGH QUALITY APPROACHES REGARDING SPD AND EWS METHODS TO EXPLORE DEMOGRAPHIC PATTERNS IN THE SPREAD OF AGRICULTURE IN IBERIA Dr. García-Puchol, Oreto - Universitat de València (Presenting author); Dr. Diez Castillo, Agustín - Universitat de València;
06. Ancient DNA and the colonization of Scandinavia
   PhD Malmström, Helena - Uppsala University (Presenting author)

   Dr. Johnson, James - University of Copenhagen (Presenting author)

08. Exploring the demographic aspects of the Mesolithic - Neolithic transition in Central Balkans via tooth cementum analysis: preliminary results
   Penezić, Kristina - BioSense Institute, University of Novi Sad, Serbia (Presenting author); Porčić, Marko - Department of Archaeology, Faculty of Philosophy, University of Belgrade; Stefanović, Sofija - BioSense Institute, University of Novi Sad, Serbia; Laboratory for bioarchaeology, Faculty of Philosophy, University of Belgrade, Serbia

09. C14-dates and shoreline dated sites as demographic proxies in South-eastern Norway, c. 9500-2500 cal. BC: Problems and potentials.
   Dr. Solheim, Steinar - Museum of Cultural History University of Oslo (Presenting author)

10. Modelling material diversity during the diffusion of early farming and associated technologies
    Dr Drost, Cornelis - University College London (Presenting author)

11. Supply and demand in the Neolithic quarry production of Northwest Europe
    Prof. Shennan, Stephen - University College London; Dr. Edinborough, Kevan - University College London (Presenting author)

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**THE SILICEOUS RAW MATERIALS OF NORTHWESTERN EUROPE. TRANSNATIONAL DIALOGUE ON THE CHARACTERIZATION OF RAW MATERIALS**

**Theme:** 5. Comparing Archaeology Across Regions and Periods

**Room:** 2.7

**Date:** Thursday, August 31

**Time:** 8:30 - 12:45

**Organiser:** Denis, Solène (France) - CNRS-UMR 7055, Préhistoire et Technologie, Université Paris Ouest; Collin, Jean-Philippe (Belgium) - Laboratoire Interuniversitaire d'Anthropologie des TECHniques LIATEC, UNamur; CNRS-UMR 8215 - Trajectoires - De la sédentarisation à l’État , Université Paris 1

**Format:** Workshop

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**ABSTRACTS**

01. Flint raw material and Neolithic in the Paris Basin. Dr Allard, pierre - CNRS (Presenting author)

02. Exploitation of Hainaut (Belgium) flints at the end of Prehistory: a raw material overview
    Collin, Jean-Philippe - Université de Namur; Université Paris 1; UMR 8215 (Presenting author); Collet,
03. Raw materials of Hesbaye exploited by Neolithic populations: denomination, outcrops location and characteristics

ALLARD, Pierre - CNRS-UMR 7055, Préhistoire et Technologie; DENIS, Solène - CNRS-UMR 7055, Préhistoire et Technologie, Université Paris Ouest (Presenting author); BOSQUET, Dominique - Service Public de Wallonie; COLLIN, Jean-Philippe - Unamur; Université Paris 1; UMR8215; LIATEC

04. Flint raw materials from Limburg (NL) and contiguous regions

Dr de Grooth, Marjorie - independent archaeologist (Presenting author)

05. Workshop Participants - Origin of the flints from the layer 1A from the Scladina Cave (Sclayn, Province of Namur, Belgium)

Mr Horevoets, Michaël - Cedarc (Presenting author)

06. Workshop Participant

Workshop Participant Messiaen, Liesbeth - Ghent University (Presenting author)

07. Workshop Participants

Mr Vandendriessche, Hans - University of Ghent (Presenting author)

08. Workshop Participant

Dr Augereau, Anne - Inrap (Presenting author)

09. Workshop Participants

Ms. Devaux, Julie - Université Paris X - UMR 7055 (Presenting author)

10. Workshop Participants

Halbrucker, Éva - Ghent University; Fiers, Géraldine - Ghent University (Presenting author)

338  MAPPING AND MODELLING PAST LANDSCAPES TO AID ARCHAEOLOGICAL HERITAGE MANAGEMENT AND INTERPRETATION OF THE ARCHAEOLOGICAL RECORD

Theme: 4. The ‘Third Science Revolution’ in Archaeology
Room: 1.18
Date: Thursday, August 31
Time: 14:00 - 18:15
Organiser: Smit, Bjørn (Netherlands) - Cultural Heritage Agency of the Netherlands; Meylemans, Erwin (Belgium) - Agentschap Onroerend Erfgoed Vlaamse Overheid
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. Introduction to session 338: Mapping and modelling past landscapes, different scales and use.

Smit, Bjørn - Cultural Heritage Agency of the Netherlands (Presenting author); Meylemans, Erwin - Agentschap Onroerend Erfgoed Vlaamse Overheid

03. Mapping regional vegetation developments in Twente (the Netherlands) since the Late Glacial and evaluating contemporary settlement patterns

Dr Van Beek, Roy - Wageningen University & Research (Presenting author)
04. **Landscape in Primeval Forest - first experiences at Białowieża from multidisciplinary perspective**
   Dr Wawrzeniuk, Joanna - Institute of Archaeology, University of Cardinal Stefan Wyszynski in Warsaw; Prof Urbańczyk, Przemysław - Institute of Archaeology, University of Cardinal Stefan Wyszynski in Warsaw; Institute of Archaeology and Ethnology, Polish Academy of Sciences; Dr Budziszewski, Janusz - Institute of Archaeology, University of Cardinal Stefan Wyszynski in Warsaw; MA Jakubczak, Michał - Institute of Archaeology, University of Cardinal Stefan Wyszynski in Warsaw; Institute of Archaeology and Ethnology, Polish Academy of Sciences; MA Rutyna, Magdalena - Institute of Archaeology, University of Cardinal Stefan Wyszynski in Warsaw; MA Szlązak, Roman - Institute of Archaeology, University of Cardinal Stefan Wyszynski in Warsaw; MA Szubski, Michał - Institute of Archaeology, University of Cardinal Stefan Wyszynski in Warsaw (Presenting author); Prof Jędrzejewska, Bogumiła - Mammal Research Institute, Polish Academy of Sciences; Dr Samojlik, Tomasz - Mammal Research Institute, Polish Academy of Sciences

05. **Ancient anthropogenic landscapes in mountainous Dagestan (Eastern Caucasus, Russia)**
   Ryabogina, Natalia - Institute of the problems of Northern development, SB RAS (Presenting author); Korobov, Dmitry - Institute of Archeology of RAS; Idrisov, Idris - Geology Institute of the Dagestan Scientific Center RAS; Bakushev, Marat - Institute of History, Archeology and Ethnography of the Dagestan Scientific Center of RAS; Borisov, Alexander - Institute of Physico-Chemical and Biological Problems of Soil Science RAS

06. **The cultural landscape of Tver uyezd of Muscovy of the 16th – 17th centuries**
   Mr Kutakov, Sergey - State Academic University for the Humanities (Presenting author)

07. **A middle to late Iron age landscape in western The Hague, The Netherlands.**
   Drs. Rieffe, Chris - Gemeente Den Haag (Presenting author)

08. **Understanding aspects of the Hohokam society with a modeling approach grounded on different datasets of the archaeological record**
   Xanthopoulou, Themis-Dimitra - Department of Archaeology, Leiden University (Presenting author); Dr Woodson, Michael Kyle - Cultural Resource Management Program, Gila River Indian Community, Sacaton, Arizona; Dr ir Ertsen, Maurits - WRM, CitG, Delft University of Technology; Dr Kolen, Jan - Department of Archaeology, Leiden University

09. **Trondheim’s Pompeii: An interdisciplinary approach to the emergence of an urban settlement in a fluvial landscape.**
   Senior Archaeologist Petersen, Anna - Norwegian Institute for Cultural Heritage Research (Presenting author); Prof Christophersen, Axel - Norwegian University of Science and Technology; Dr Hansen, Louise - Norwegian Geological Survey

10. **No country for men. A landscape reconstruction of the medieval battle against the Zuiderzee, the Netherlands (A.D. 1100-1400)**
   Drs. van Popta, Yftinus - University of Groningen (Presenting author)

11. **The new geomorphological and archaeological predictive maps of the Dutch Meuse Valley**
   Dr. Isarin, René F.B. - Crevasse Advies (Presenting author); Ing. Ellenkamp, Reiner - RAAP Archaeological Consultancy BV; Drs. Heunks, Eckhart - Eckhart Heunks Landscape Archaeology; Dr. Rensink, Eelco - Cultural Heritage Agency of the Netherlands (RCE)
12. **Cone Penetration Testing for prehistoric landscape mapping in the Scheldt floodplain (NW Belgium)** Verhegge, Jeroen - Ghent University department of archaeology; Geosonda environment nv (Presenting author); Crombé, Philippe - Ghent University department of archaeology

13. **Modelling prehistoric landscapes in the Lower Thames Valley (London, UK): A case study for predicting archaeological and palaeoenvironmental potential** Dr Batchelor, Rob - University of Reading (Presenting author); Dr Young, Daniel - University of Reading; Dr Green, Chris - University of Reading; Mr Espinosa-Valdor, Adrian - University of Reading

14. **Palaeogeographical time series maps of the Pleistocene and Holocene lowland landscapes in and around the North Sea.** Dr. Cohen, Kim - Utrecht University, Dept. of Physical Geography; Deltares, Dept. of Applied Geology and Geophysics; TNO - Geological Survey of the Netherlands (Presenting author)

**POSTERS**

**Modelling Middle Palaeolithic climatic data based on charcoal analysis results: Evidence from Abric del Pastor and El Salt (Eastern Iberia)** Vidal-Matutano, Paloma - Universitat de València; Université Côte-d'Azur, CEPAM, CNRS, France; Pardo-Gordó, Salvador - Universitat de València (Presenting author)

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**CREATING NEW SCENARIOS FOR ARCHAEOLOGY. NEARCHING FACTORY RELOADED**

**Theme:** 1. Twenty-five Years after Maastricht: Archaeology and Europe's future

**Room:** 0.11

**Date:** Saturday, September 2

**Time:** 14:00 - 15:15

**Organiser:** Varela, Rocío (Spain) - INSTITUTE OF HERITAGE SCIENCES, SPANISH NATIONAL RESEARCH COUNCIL; Sánchez, Raquel (Spain) - INSTITUTE OF HERITAGE SCIENCES, SPANISH NATIONAL RESEARCH COUNCIL; Synnestvedt, Anita (Sweden) - UNIVERSITY OF GOTHENBURG

**Format:** Session with a key note speaker with contributions from discussants and discussion

**Speaker:** Felipe Criado-Boado

**ABSTRACTS**

01. **What is NEARCHing Factory?** Research technician Sánchez Martín, Raquel - INSTITUTE OF HERITAGE SCIENCES, SPANISH NATIONAL RESEARCH COUNCIL (Presenting author); Dr Barreiro, David - INSTITUTE OF HERITAGE SCIENCES, SPANISH NATIONAL RESEARCH COUNCIL; Research assistant Varela Pousa, Rocío - Institute of Heritage Science (Spanish National Research Council)

02. **Ideas for imaging new alternative scenarios in archaeology** Dr Barreiro, David - Incipit, CSIC; Ms Varela-Pousa, Rocío - Incipit, CSIC; Ms Sánchez-Martín, Raquel - Incipit, CSIC; Professor Dr Criado-Boado, Felipe - Incipit, CSIC (Presenting author)
03. Archaeology and the new citizens Dr van den Dries, Monique - Faculty of Archaeology, Leiden University (Presenting author)

340  HIDDEN STORIES. 3D TECHNIQUES AS TOOLS FOR EXPLORING ARCHAEOLOGICAL ASSEMBLAGES

Theme:  4. The 'Third Science Revolution' in Archaeology
Room:  0.4
Date:  Thursday, August 31
Time:  11:30 - 15:15
Organiser:  Hilditch, Jill (Netherlands) - University of Amsterdam; Molloy, Barry (Ireland) - University College Dublin
Format:  Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. Modelling Clay: Examining London and New World pipe clay figurines from the 16th to 19th centuries using 3D modelling techniques Miss Crichton-Turley, Courtenay-Elle - University of Sheffield (Presenting author)

02. A thematic use of 3D models as tools for exploring prehistoric conflict Dr. Molloy, Barry - University College Dublin (Presenting author); Mr. Pendić, Jugoslav - BioSense Institute, Novi Sad; Mr. Mariusz Wisniewski, Mariusz - Wojewódzki Urza˛d Ochrony Zabytków w Warszawie; Dr. Milić, Marina - University College Dublin

03. Tracing the Potter's Wheel – 3D techniques for visualising, analysing and interpreting technological innovation in the Bronze Age Aegean Dr. Hilditch, Jill - University of Amsterdam (Presenting author); Dr. Jeffra, Caroline - University of Amsterdam; Ms Opgenhaffen, Loes - University of Amsterdam

04. Through a Glass Darkly: The Role of 3-D Viewing in Museums Dr Georganas Georganas, Ioannis - University of St Andrews (Presenting author); Prof Sweetman, Rebecca - University of St Andrews; Ms Hadfield, Alison - University of St Andrews
WELDING A NEW APPROACH TO THE STUDY OF ANCIENT METALS

Theme: 4. The ‘Third Science Revolution’ in Archaeology
Room: 1.09
Date: Friday, September 1
Time: 8:30 - 12:45
Organiser: Pearce, Mark (United Kingdom) - University of Nottingham; Stöllner, Thomas (Germany) - Deutsches Bergbau-Museum, Bochum; Ruhr-Universität Bochum
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. Science versus archaeology? The case of the Bernstorf fake. Professor Dr Pernicka, Ernst - Curt-Engelhorn-Zentrum Archäometrie gGmbH (Presenting author)

02. What is a deposit? Understanding ore-geology and the premodern usage of deposits Professor Dr Stoellner, Thomas - Ruhr-University of Bochum; Deutsches Bergbau-Museum Bochum (Presenting author); Professor Dr Klein, Sabine - Deutsches Bergbau-Museum Bochum; Ruhr-University of Bochum

03. The curse of the pXRF Professor Pearce, Mark - University of Nottingham (Presenting author)

04. Artefact biography 2.0 as interdisciplinary tool in metal studies van der Stok-Nienhuis, Janneke - TU Delft; Rijksdienst voor het Cultureel Erfgoed; Universiteit Leiden (Presenting author); Prof.dr.ir. Sietsma, Jilt - TU Delft; Prof.dr. Dik, Joris - TU Delft; Dr. Joosten, Ineke - Rijksdienst voor het Cultureel Erfgoed; Universiteit van Amsterdam; Dr. Van Os, Bertil - Rijksdienst voor het Cultureel Erfgoed; Dr.ir. Huisman, Hans - Rijksdienst voor het Cultureel Erfgoed; Prof.dr. Fontijn, David - Universiteit Leiden

05. An appeal for better publication strategies between archaeologists and scientists Dr Mödlinger, Marianne - IRAMAT-CRP2A Université Bordeaux Montaigne (Presenting author); Dr Sabatini, Benjamin - Massachusetts Institute of Technology

06. The Royal Tombs of Ur: Interdisciplinary research on material analysis of Early Bronze Age copper-, bronze and silver artefacts PhD. Student Salzmann, Eveline - Goethe-University Frankfurt (Presenting author); Prof. Dr. Klein, Sabine - Deutsches Bergbau-Museum Bochum; Prof. Dr. Hauptmann, Andreas - Deutsches Bergbau-Museum Bochum

07. BRIDGING TYPOLOGY AND ANALYTICAL METHODS: A WEAR ANALYSIS OF EARLY PREHISTORIC METALWORK IN ITALY Dr Iaia, Cristiano - Newcastle University (Presenting author)

08. Type, shape and composition of Middle Bronze II daggers in the southern Levant. Dr. Kan-Cipor-Meron, Tal - The University of Haifa, Israel (Presenting author)

09. Insight into the sourcing, production and life histories of bronze in late Iron Age central Europe Dr. Danielisova, Alzbeta - Institute of Archaeology CAS (Presenting author); Prof Mihaljevic, Martin - Institute of geochemistry mineralogy and mineral resources, Faculty of natural sciences, Charles University, Prague
10. **New light on Roman lead (silver) mining with lead isotope analysis** Dr. Bode, Michael - Deutsches Bergbau-Museum Bochum (Presenting author); Dr. Rothenhöfer, Peter - Deutsches Archäologisches Insitut, Kommission für Alte Geschichte und Epigraphik; Dr. Hanel, Norbert - Universität zu Köln, Archäologisches Institut

11. **Pattern welded and inscripted swords: A multidisciplinary perspective on Early Medieval arms production and distribution in the Eastern Baltic.** Dr. Tomsons, Arturs - Latvian National History museum (Presenting author)

12. **Integrating excavation, experiment and analysis into the study of ancient Egyptian metallurgy: the EACOM project approach** Doctor Frederik, Rademakers - KU Leuven - Departement of geology; EACOM - archaeometallurgy; Curator Egyptian collections Luc, Delvaux - Royal Museums of Art and History Brussels; Researcher in archaeometallurgy Georges, Verly - Royal Museums of Art and History Brussels; EACOM - archaeometallurgy (Presenting author); Professor Patrick, Degryse - KU Leuven - Departement of geology

13. **How did tin trade in southeast Europe work? Considerations about long distance networks and raw material exchange** Dr. Nessel, Bianka - Heidelberg University (Presenting author); Dr. Brügmann, Gerhard - Curt-Engelhorn-Zentrum Archäometrie gGmbH; Prof. Dr. Pernicka, Ernst - Curt-Engelhorn-Zentrum Archäometrie gGmbH; Heidelberg University; Marahrens, Ms, Janeta - Curt-Engelhorn-Zentrum Archäometrie gGmbH

14. **Collaborative contributions to the study of Copper and Bronze in the Carpathian Basin** Dr Kiss, Viktória - Institute of Archaeology HAS (Presenting author); Prof Dr Pernicka, Ernst - Curt-Engelhorn-Zentrum Archäometrie gGmbH

**POSTERS**

**Metallurgical Activities at the San Tommaso convent in the Late Middle Ages** Dr Anguilano, Lorna - Brunel University London; Ms Marras, Laura - Universita’ di Sassari (Presenting author); Ms Ungredda, Francesca - Universita’ di Sassari; Dr Piredda, Giovanni - indipendent; Ms Saba, Cinzia - Universita’ di Sassari; Dr Grassi, Elisa - Universita’ Cattolica di Milano; Dr Sipala, Valeria - Università di Sassari; Prof Mulas, Gabriele - Università di Sassari
343  PUTTING SEAFARING ON THE MAP. THE APPLICATION OF COMPUTER MODELS TO MARITIME SPACES AND COMMUNICATION NETWORKS

Theme:  5. Comparing Archaeology Across Regions and Periods
Room:  0.4
Date:  Thursday, August 31
Time:  15:30 - 18:15
Organiser:  Slayton, Emma (Netherlands) - University of Leiden; Safadi, Crystal (United Kingdom) - University of Southampton, Centre for Maritime Archaeology
Format:  Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. Evaluating least cost canoe routes from the Caribbean Ms Slayton, Emma - Leiden Univesity (Presenting author); Mr. Athenstädt, Jan - University of Konstanz; Prof. Dr. Hofman, Corinne - Leiden University

02. Networking Wind in Maritime Exchange Prof Rivers, Raymond - Imperial College London (Presenting author); Dr Evans, Tim - Imperial College London; Prof Knappett, Carl - University of Toronto

03. Human seascapes and ritual action: modeling the maritime mobilities of the Great Gods of Samothrace Mr. Bryant, Robert - University of Pennsylvana; Dr. Blakely, Sandra - Emory University (Presenting author)

04. The exploitation of oceanographic and tidal currents by early seafarers, migrating to Australasia around 50,000 years ago Kuijjer, E. Kiki - Department of Archaeology, University of Southampton, UK (Presenting author); Dr Farr, R. Helen - Department of Archaeology, University of Southampton, UK; Prof Marsh, Robert - Ocean and Earth Science, National Oceanography Centre Southampton, University of Southampton, UK; Dr Haigh, Ivan D. - Ocean and Earth Science, National Oceanography Centre Southampton, University of Southampton, UK

05. Combining LCP and visibility modelling to assess the placement of promontory forts along the Iron Age coast of Pembrokeshire, UK. Mr. Smith, Karl - University of Oxford (Presenting author)

06. Using wind fetch as a proxy for the identification of harbour sites Mr. Coolen, Joris - Zentrum für baltische und skandinavische Archäologie, Schleswig (Presenting author); Dr. Nitter, Marianne - University of Stavanger, Museum of Archaeology; PD Dr. Mehler, Natascha - Zentrum für baltische und skandinavische Archäologie, Schleswig

07. Family Networks – The Adriatic Communication Area in a GIS Prof. Seifert, Martina - Hamburg University; Dr. Daum, Julia - Hamburg University (Presenting author)

08. Mapping Bronze Age Maritime Space and Time of the Levant Miss Safadi, Crystal - University of Southampton (Presenting author)
DECONSTRUCTING EUROCENTRISM, BUILDING BRIDGES

Theme: 1. Twenty-five Years after Maastricht: Archaeology and Europe’s future
Room: 2.4
Date: Friday, September 1
Time: 14:00 - 16:45
Organiser: Parthesius, Robert (Netherlands) - Centre for International Heritage Activities; Leiden University; New York University Abu Dhabi; Yalman, Nurcan (Turkey) - Centre for International Heritage Activities; Cultural Awareness Foundation Istanbul Turkey; Rosetti, Ilaria (Netherlands)
Contributors: Munawar, Nour (Netherlands) - University of Amsterdam; Veer, Vera Veer - Leiden University; Rassellkopf Bonneken Kathrin - Leiden University
Format: Round table

WITHIN THE WOODLANDS. EXPLOITATION OF WILD PLANTS DURING THE MEDIEVAL AND POST-MEDIEVAL PERIOD

Theme: 6. Interpreting the archaeological record
Room: 2.14
Date: Thursday, August 31
Time: 17:00 - 18:15
Organiser: Martín-Seijo, María (Spain) - Universidade de Santiago de Compostela; Deforce, Koen (Belgium) - Flanders Heritage Agency; Royal Belgian Institute of Natural Sciences; Paradis-Grenouillet, Sandrine (Italy) - Università degli studi di Padova; Tereso, João (Portugal) - InBIO-Research Network in Biodiversity and Evolutionary Biology; CIBIO - Research Center In Biodiversity and Genetic Resources/University of Porto; Wiethold, Julian (France) - Inrap
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. Woodcrafts and plant remains to trace the history of Pontevedra’s harbour (Northwest Spain) between 14th and 18th centuries AD Dr. Martín-Seijo, Maria - Grupo de Estudos para a Prehistoria do NW Ibérico-Arqueoloxía, Antigüidade e Territorio (GEPN-AAT). Dep. Historia. Universidade de Santiago de Compostela (Presenting author); Mr. Teira-Brión, Andrés - Grupo de Estudos para a Prehistoria do NW Ibérico-Arqueoloxía, Antigüidade e Territorio (GEPN-AAT). Dep. Historia. Universidade de Santiago de Compostela; Mr. Sartal Lorenzo, Miguel - Adro Arqueolóxica; Dr. Kaal, Joeri - Instituto de Ciencias del Patrimonio (Incipit), Consejo Superior de Investigaciones Científicas (CSIC); Departamento de Edafoloxía e Química Agrícola, Fac. Bioloxía, Universidade de Santiago de Compostela

02. Wild plants use in recipes of late medieval and early modern cooking books compared to the archaeobotanical evidence Dr. Wiethold, Julian - INRAP - National Institute for Preventive Archaeological Research; UMR 6298 ArTeHiS (Presenting author)
03. Firewood and wood uses in Northeast of Iberian Peninsula during Late Antiquity and Middle Ages
   Dr. Piqué, Raquel - Universitat Autònoma de Barcelona (Presenting author)

04. Construction and fuel: approaches to wood exploitation during medieval times in central-northern Portugal
   Oliveira, Cláudia - CIBIO-InBIO/University of Porto (Presenting author); Tereso, João Pedro - CIBIO-InBIO/University of Porto; Tente, Catarina - Faculty of Social Sciences and Humanities - New University of Lisbon

POSTERS

Piety and wood: an archaeology of the rosary
   Berthon, Amélie - Eveha; UMR 5138, ARAR, MSH MOM, Université Lyon 2; Dr Bellavia, Valentina - Eveha; UMR 6042, Geolab, Université Clermont Auvergne (Presenting author)

Setting the heath on fire. Fuel use in two medieval brick kilns from Flanders (N-Belgium)
   Deforce, Koen - Royal Belgian Institute of Natural Sciences, Brussels, Belgium; Flemish Heritage Institute, Brussels, Belgium (Presenting author); Bastiaens, Jan - Flemish Heritage Institute, Brussels, Belgium; De Groote, Koen - Flemish Heritage Institute, Brussels, Belgium; Moens, Jan - Flemish Heritage Institute, Brussels, Belgium; De Clercq, Wim - Ghent University, Ghent, Belgium

FUEL FROM MEDIAEVAL BELL-CASTING PITS: SOME EXAMPLES FROM PROVENCE (SOUTH-EASTERN FRANCE)
   Gillot, Isabelle - Université Côte d'Azur; CNRS; CEPAM; Vivas, Mathieu - LaScArBx; Université Bordeaux Montaigne; Henrion, Elise - Service départemental d'archéologie des Alpes de Haute-Provence; Aix-Marseille Université; Thuaudet, Olivier - Service de l'archéologie Nice Métropole; Université Aix-Marseille; Delhon, Claire - Université Côte d'Azur; CEPAM; CNRS (Presenting author)

347 SOMEWHERE BEYOND THE SEA. SEAFARING, SEAFARING SOCIETIES AND INTERCULURAL EXCHANGE IN PREHISTORIC EUROPE

Theme: 5. Comparing Archaeology Across Regions and Periods
Room: 2.10
Date: Friday, September 1
Time: 8:30 - 11:15
Organiser: Schulz Paulsson, Bettina (Sweden) - University of Gothenborg; Ling, Johan (Sweden) - Department of Historical Studies: University of Gothenburg; Swedish Rock Art Research Archives; Robin, Guillaume (United Kingdom) - School of History, Classics and Archaeology University of Edinburgh
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. ...and a Star to Steer her by – Remarks on Early Open Water Passages
   Dr Weski, Timm - retired (Presenting author)
02. Shared Values - investigating worldviews in megalithic Europe Dr. Higginbottom, Gail - Australian National University (Presenting author)

03. The Bay of Biscay in the “longue durée”: physical geography, boats and potential sea routes from Prehistory to Late Antiquity Mr. Latorre-Ruiz, Juan - University of Oxford (Presenting author)

04. Megalithic journeys: mobility and maritime interaction in Europe in the 5th and 4th millenium BC Dr. Schulz Paulsson, Bettina - University of Gothenborg (Presenting author)

05. A Ship Depiction on a Crematory Urn from the Danish Excavations at Hama, Level F, Reconsidered Professor Wachsmann, Shelley - Institute of Nautical Archaeology at Texas A&M University (Presenting author)

06. Painting the Neolithic: Coastal rock art from the Balkans to the Iberian Peninsula as a potential marker of maritime interaction Prof Díaz-Andreu, Margarita - ICREA; Universitat de Barcelona (Presenting author); Dr Dawson, Helen - Topoi Excellence Cluster; Freie Universität Berlin; Dr Mattioli, Tommaso - Universitat de Barcelona

07. Rock art, seascapes & long distance trade Associate Professor Ling, Johan - University of Gotehnburg (Presenting author)

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348 ARCHAEOLOGY AND LARGE INFRASTRUCTURAL PROJECTS

Theme: 2. The Valletta Convention: the next 25 years
Room: 2.8
Date: Friday, September 1
Time: 8:30 - 12:45
Organiser: De Moor, Jos (Netherlands) - EARTH Integrated Archaeology; Vandenborre, Jeroen (Belgium) - BAAC Vlaanderen; Huisman, Jerry (Netherlands) - Prorail
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. Archaeology in large infrastructural projects in the Netherlands Drs. Vreenegoor, Ellen - Rijksdienst voor het Cultureel Erfgoed (Presenting author)

02. Rijkswaterstaat and Archeology. Co-operate, adapt and integrate Dr Gehasse, Eli - Rijkswaternacht - Water, Traffic and Environment (Presenting author)

03. Integration of geophysical prospection in large infrastructural projects Ullrich, Burkart - Eastern Atlas, Berlin (Presenting author); Kniess, Rudolf - Eastern Atlas, Berlin; Dr De Neef, Wieke - University of Groningen; Noorda, Nikolaas - University of Groningen; Zoellner, Henning - Eastern Atlas, Berlin

04. All along the Bypass Baarle Drs. Van Oosterhout, Floris - Arcadis (Presenting author)

05. People, place and time: delivering a research focussed strategy for High Speed 2 Dr Halsted, John - High Speed Two Ltd; Atkins Global; Mrs Wass, Helen - High Speed Two Ltd (Presenting author)

06. Targowisko project on the line of motorway A4 in southern Poland Prof. Dr. Kadrow, Slawomir - Instytut Archeologii i Etnologii Polskiej Akademii Nauk (Presenting author)
07. Hans Brinker, or how to bridge the gap: how the Dutch manage to combine archaeological heritage management and Dyke reinforcement. Drs Oudhof, Jan.Willem - Buro de Brug (Presenting author)

08. Tunnel vision? Constructing a railway tunnel through the Medieval Defences of Delft. MA Penning, Bas - Gemeente Delft; Drs. Jongma, Steven - Gemeente Delft (Presenting author)

09. Archaeology and city planning in Køge, Denmark Curator Kjærgård, Annemette - Museum South-east Denmark (Presenting author)

10. Riding on time: managing archaeological risks in the A2 tunnel project in Maastricht, The Netherlands Dr. Isarin, René F.B. - Crevasse Advies (Presenting author); Drs. Soeters, Gilbert - Gemeente Maastricht

11. Crossrail’s archaeology at Liverpool Street – a case study Mr Carver, Jay - 4AD Consultants; Crossrail Ltd.; Miss Leenstra, Marit - Museum of London Archaeology (Presenting author)

349  HUNTERS OF THE LOST STORY
Theme: 3. Trans- and Metadisciplinary Approaches in Archaeology
Room: 2.4
Date: Friday, September 1
Time: 10:00 - 12:45
Organiser: Soininen, Tuija-Liisa (Finland) - Museum Center Vapriikki; Richardson, Phil (United Kingdom) - Archaeology Scotland; Doyle, Ian (Ireland) - Heritage Council of Ireland
Format: Round table

ABSTRACTS

01. A Disappeared City. Memories, Stories and Homes in the Renewed City Researcher Kuitunen, Hannele - Pirkanmaa Provincial Museum (Presenting author)

02. Different stories, one monument: Negotiating community narratives with Archaeology Scotland’s Adopt-a-Monument Scheme Ms Jones, Cara - Archaeology Scotland; Mr Richardson, Phil - Archaeology Scotland (Presenting author)

03. Tolerance and stories in Adopt a Monument -scheme Researcher Lähdesmäki, Ulla - Pirkanmaa Provincial Museum (Presenting author)

04. Listening to the Stories of Istanbul Grand Bazaar Dr Yalman, E. Nurcan - CIE-Center for International Heritage Activities Leiden; Cultural Awareness Foundation Istanbul (Presenting author)
ABSTRACTS

01. HOW TO IDENTIFY AREAS THAT HAVE BEEN USED AS KASKI-SWIDDEN-LAND BEFORE 1800. METHOD: LARGE SCALE GEOMETRICAL MAPS. Human geographer Tollin, Clas - riksarkivet (Presenting author)

02. Slash and burn as an economic institution and the dynamics of outlying land. An example from early modern Southern Sweden. PhD Franzen, Adel Vestbo - Jönköpings county museum (Presenting author)

03. Investigating Late Neolithic slash-and-burn agriculture in a temperate forest (Forchtenberg experiment) Eckmeier, Eileen - Ludwig-Maximilians-Universität München (Presenting author); Rösch, Manfred - Landesamt für Denkmalpflege im Regierungspräsidium Stuttgart; Ehrmann, Otto - Büro für Bodenmikromorphologie und Bodenbiologie; Bogenrieder, Arno - Institut für Biologie/Geobotanik, Universität Freiburg; Gerlach, Renate - LVR-Amt für Bodendenkmalpflege im Rheinland; Hall, Mathias - Forstamt Hohenlohekreis; Hartkopf-Fröder, Christoph - Geologischer Dienst Nordrhein-Westfalen; Herrmann, Ludger - Institut für Bodenkunde und Standortslehre, Universität Hohenheim; Kury, Birgit - Büro für Bodenmikromorphologie und Bodenbiologie; Schier, Wolfram - Institut für prähistorische Archäologie, Freie Universität Berlin; Schulz, Erhard - Institut für Geographie und Geologie, Universität Würzburg

04. Diagnostic features of swidden cultivation in soils of the temperate forest zone Dr Ershova, Eka- terina - Moscow State University, Russia (Presenting author); Dr Ponomarenko, Elena - University of Ottawa, Canada; Prof Blinnikov, Mikhail - St. Cloud University, USA; Dr Vyazov, Leonid - Kazan' Federal University, Tatarstan, Russia; Ms Bakumenko, Varvara - Moscow State University, Moscow, Russia

05. Forest soil charcoal as indicator of slash and burn cultivation Tomson, Pille - Estonian University of Life Sciences; Estonian University of Life Sciences (Presenting author); Prof Sepp, Kalev - Estonian University of Life Sciences; Ass. Prof Kaart, Tanel - Estonian University of Life Sciences
ABSTRACTS

   Dr Duckworth, Chloe - Newcastle University (Presenting author); Mr Govantes-Edwards, David - Universidad Nova de Lisboa

02. Islamicate Bodies: Locating Muslim Graves of Medieval Nomads in the Lower Volga Steppe
   Dr Shingiray, Irina - University of Oxford (Presenting author)

03. The Volga Bulgaria, the Muslim Cultural State in Eastern Europe
   Dr. Correspond member of the Tatarstan Academy of Sciences Sitdikov, Airat - Chalikov Institute of archaeology (Presenting author)

04. Islamic archaeology in Russia
   PhD Koval, Vladimir - Institute of Archaeology RAS (Presenting author)

05. Accentuating the Ordinary: ceramics in early Islamic Sicily
   Ms Testolini, Veronica - University of Sheffield (Presenting author); Professor Day, Peter - University of Sheffield

06. Water and fields in al-Andalus
   Prof. Malpica Cuello, Antonio - Universidad de Granada (Presenting author)

07. ARCHAEOLOGICAL PERSPECTIVES ON THE RELATIONSHIP BETWEEN POLITICAL ELITES AND RURAL COMMUNITIES IN AL-ANDALUS
   Prof Garcia Porras, Alberto - Universidad de Granada (Presenting author)

08. Islamisation and Gender: Viewing women and female activities in the shaping of society in al-Andalus
   Mr Herran Subinas, Mikel - UCL Qatar (Presenting author)

09. OTTOMAN ARCHAEOLOGY IN THE EUROPEAN CONTEXT: AN ISLAMIC ARCHAEOLOGY OR NOT?
   Dr. Dikkaya, Fahri - TED University (Presenting author)
ABSTRACTS

01. High-spatial resolution intra-tooth Sr-isotope analysis of a modern migrant - how does a rapid relocation manifest in human tooth enamel? Montgomery, Janet - Durham University (Presenting author); Beaumont, J. - University of Bradford; Nowell, G. - Durham University

02. In or out? Multi-proxy approach to mobility and landscape use in archaeological contexts. Dr Snoeck, Christophe - Vrije Universiteit Brussel (Presenting author); Mr de Winter, Niels - Vrije Universiteit Brussel; Ass. Prof Goderis, Steven - Vrije Universiteit Brussel; Ms Annaert, Henrica - Vrije Universiteit Brussel; Ass. Prof Schulting, Rick - University of Oxford; Prof Lee-Thorp, Julia - University of Oxford; Dr Fernández-Crespo, Teresa - University of Oxford; University of the Basque Country; Prof Claeyts, Philippe - Vrije Universiteit Brussel

03. Strontium isotope analysis: maximizing the results of migration studies Ms Panagiotopoulou, Eleni - Groningen Institute of Archaeology (Presenting author)

04. Anywhere they roam: Mobility histories of young individuals from medieval leprosaria. Filipek, Kori Lea - Durham University; Transylvania Bioarchaeology (Presenting author)

05. Tales of Bronze Age Women Professor Frei, Karin Margarita - National Museum of Denmark (Presenting author)

06. Mobility as Social Construct. Network Approaches to the study of social identities and mobility of Bronze Age women. Felding, Louise - Aarhus University; VejleMuseerne (Presenting author)

07. "Mycenaeans in the East?": Late Bronze Age Burial Gift Assemblages of the SE Aegean Ozturk, Huseyin - American School of Classical Studies at Athens; University of Cincinnati (Presenting author)

09. Performing Death in Abdera: new comers from Klazomenai and Teos Prof. Dr. Hürmüzlü Kortholt, Bilge - Süleyman Demirel Univ (Presenting author)

10. WHEN COLONISTS DIE: ASSESSING THE IMPACT OF MIGRATION ON BURIAL PRACTICES IN ROMAN GREECE MA Dijkstra, Tamara - University of Groningen (Presenting author); MA, MSc Moles, Anna - UCL

11. Death of a soldier: funerary practices and military identity in the Roman Near East Dr. de Jong, Lidewijde - University of Groningen (Presenting author)

POSTERS
The evidence of ethno-cultural interaction in the burial practices (necropolis Ipkulsky, Tobol, West Siberia) Mrs. Chikunova, Irina - Institute of the problems of Northern development, SB RAS (Presenting author)

357 ARCHAEOLOGY ON SALE. HOW TO PREVENT OFFICIAL SELLING OF ILLEGALLY EXCAVATED OBJECTS?
Theme: 2. The Valletta Convention: the next 25 years
Room: 0.7
Date: Thursday, August 31
Time: 10:00 - 12:45
Organiser: Mödlinger, Marianne (France) - Université Bordeaux Montaigne; Fernández-Götz, Manuel (United Kingdom) - University of Edinburgh; Črešnar, Matija (Slovenia) - University of Ljubljana; Kairriss, Andris (Latvia) - Latvian Academy of Culture
Format: Round table

ABSTRACTS
01. Protection of Latvian archaeological artifacts: Status quo and solutions Mr. Kairiss, Andris - Latvian Academy of Culture (Presenting author)
02. Illicit trade and Forgery: key for understanding cultures? Prof. Salvadori, Monica - University of Padua - Department of Cultural Heritage (Presenting author); Dr. Baggio, Monica - University of Padua - Department of Cultural Heritage; Ms. Bernard, Elisa - University of Padua - Department of Cultural Heritage; Mr. Zamparo, Luca - University of Padua - Department of Cultural Heritage
03. The legal point of view - proposals for due diligence obligations in the art market Mrs. Weiller-Esser, Julia - HerA - Heritage Advisors; Ruhr Universität Bochum (Presenting author)
04. Committee on the Illicit Trade in Cultural Material: recent activities Dr Mödlinger, Marianne - IRAMAT-CRP2A Université Bordeaux Montaigne (Presenting author); Dr Črešnar, Matija - University of Ljubljana
CULTURAL FRONTIERS. ECOLOGICAL FRONTIERS: NEW APPROACHES TO THE BORDERLANDS OF OPPOSING SOCIETIES IN THE LAST TWO MILLENNIA

Theme: 5. Comparing Archaeology Across Regions and Periods
Room: 2.11
Date: Saturday, September 2
Time: 10:00 - 12:45
Organiser: Pluskowski, Aleks (United Kingdom) - University of Reading; García-Contreras Ruiz, Guillermo (Spain) - University of Granada; Banerjea, Rowena (United Kingdom) - University of Reading
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. ‘Core’ and ‘periphery’ in the evolution of early medieval territories: a critical examination from a property rights perspective Dr Oosthuizen, Susan - University of Cambridge (Presenting author)

02. Depopulation, colonisation and the environments of medieval eastern Baltic frontiers Dr. Pluskowski, Aleks - University of Reading (Presenting author); Dr Brown, Alex - University of Reading; Dr Banerjea, Rowena - University of Reading

03. LOOKING FAR BEYOND MEDIEVAL TIMES: BORDERLAND SHAPING IN NORTH-EASTERN ITALY Doctoral Researcher Saccoccio, Fabio - University of Nottingham (Presenting author)

04. A long-lasting frontier in central Italy. Full-time Researcher Citter, Carlo - University of Siena (Presenting author)

05. EVALUATING THE IMPACT OF MULTICULTURAL FRONTIERS IN MEDIEVAL IBERIA: MOLINA DE ARAGON AND ITS HINTERLAND AS A CASE STUDY Dr Garcia-Contreras Ruiz, Guillermo - Universidad de Granada (Presenting author); Dr Banerjea, Rowena Y. - University of Reading; Dr Fry, Rob J. - University of Reading; Dr Hayward, Kevin - Pre-Construct Archaeology ltd.; Dr Brown, Alex D. - Wessex Archaeology; Dr Pluskowski, Aleks G. - University of Reading

06. Persia and its Neighbours: Sasanian frontiers in local and imperial perspectives Hopper, Kristen - Durham University; Lawrence, Dan - Durham University (Presenting author)
359 BEYOND THE (ONE) ROOF

Theme: 6. Interpreting the archaeological record
Room: 1.09
Date: Thursday, August 31
Time: 8:30 - 11:15
Organiser: Romankiewicz, Tanja (United Kingdom) - University of Edinburgh; McCullagh, Roderick (United Kingdom) - Independent Scholar; Postma, Daniël (Netherlands) - Independent Scholar; Winger, Katja (Germany) - Freie Universität Berlin
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. Living and Working within or outside a Dark Iron Age House. Reflections made from the well preserved Danish longhouses. Ph.D Haue, Niels - Historical Museum of Northern Jutland (Presenting author)
02. You are where you eat: worldview and the public/private preparation and consumption of food Dr Morrison, Wendy - University of Oxford (Presenting author)
03. Dynamic prehistoric architectures beyond the one roof Dr Romankiewicz, Tanja - University of Edinburgh (Presenting author)
05. “Juntos pero no revueltos”: developmental cycle of households in a compact layout Late Prehispanic settlement in Nasca, Peru (1470-1532 AD) Siveroni, Viviana - Institute of Archaeology, University College London (Presenting author)

POSTERS

The Medieval industrial-residential complex in North Priob’e Mrs. Chikunova, Irina - Institute of the problems of Northern development, SB RAS (Presenting author)
ARCHAEOLOGICAL EVIDENCE FOR ADVERTISING, PROMOTIONS AND “MARKETING” IN ANTIQUITY

Theme: 6. Interpreting the archaeological record
Room: 2.6
Date: Friday, September 1
Time: 8:30 - 10:00
Organiser: Miączewska, Anna Beata (Poland) - Uniwersytet Marii Curie-Skłodowskiej; Angius, Andrea (Italy) - Università Roma Tre; Bedin, Edoardo (Italy) - Independent researcher
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. The wine “advertising” in the roman world: between commerce, status and pleasure. Prof./Dr. Cavicchioli, Marina - Federal University of Bahia (Presenting author)

02. Announcements of Gladiatorial Games in Pompeii: Promoting and Advertising the Spactacula Mgr Miaczewska, Anna - Uniwersytet Marii Curie-Skłodowskiej (Presenting author)

03. Augustan and Fascist Propaganda: can we compare the two “Revolutions”? Mr De Vecchi, Lorenzo - University of Trieste (Presenting author)

CULTURE, NATURE AND THE DIVINE. MAINTAINING THE SACRAL ACROSS THE LONG DURÉE

Theme: 5. Comparing Archaeology Across Regions and Periods
Room: 2.8
Date: Saturday, September 2
Time: 14:00 - 16:45
Organiser: Beusing, Ruth (Germany) - Römisch-Germanische Kommission des Deutschen Archäologischen Instituts; Newman, Conor (Ireland) - National University of Ireland Galway; Schot, Roseanne (Ireland) - Discovery Programme Ireland; Bergh, Stefan (Ireland) - National University of Ireland Galway; Rassmann, Knut (Germany) - Römisch-Germanische Kommission des Deutschen Archäologischen Instituts
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. Nature, culture and chaos, and the institution of sacral kingship Mr Newman, conor - National University of Ireland Galway (Presenting author)

02. “Whitish stones” – incomprehensible sacred elements? Mrs Pantmann, Pernille - Museum of Northern Zealand (Presenting author)

03. Continuity across time: bringing the past and ensuring the future Dr. Higginbottom, Gail - Australian National University (Presenting author); Professor Clay, Roger - University of Adelaide
04. The alignments of Carnac (Brittany, France) as sacred space from the Neolithic till today
Dr. Perschke, Reena - Museum Lichtenberg (Berlin) (Presenting author)

05. Interpreting change and consistency in landscapes of religious symbols
Dr. Beusing, Ruth - Romano-Germanic Commission (German Archaeological Institute) (Presenting author); Dr. Rassmann, Knut - Romano-Germanic Commission (German Archaeological Institute)

06. Mind the gap: transcending boundaries and negotiating power at the Hill of Tara, eastern Ireland
Dr Schot, Roseanne - The Discovery Programme (Presenting author)

07. Survey and excavation at the Hill of Ward, Co, Meath, Ireland: continuity and metamorphosis over the longue durée
Dr Davis, Stephen - University College Dublin (Presenting author)

08. Sacralisation of traps - the complex creation of “Sámi circular offering sites”
Dr. Spangen, Marte - Independent researcher (Presenting author)

362 Presenting Archaeology. The Good, The Bad and The Ugly

Theme: 2. The Valletta Convention: the next 25 years
Room: 0.2
Date: Saturday, September 2
Time: 8:30 - 12:45
Organiser: Wait, Gerry (United Kingdom) - Nexus Heritage; Van den Dries, Monique (Netherlands) - Leiden University
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. Experience the prehistory of the Veluwe: how to inspire the living with the dead. Doctorandus (Drs.) Vossen, Nathalie - PRO-Erfgoed; Municipality Epe; Doctorandus (Drs.) Parlevliet, Masja - Municipality Apeldoorn (Presenting author)

02. Presenting ‘invisible’ sites in situ with the Soil Slider. Van Gils, Marijn - Flemish Heritage Agency (Presenting author); Bastiaens, Jan - Flemish Heritage Agency; Steenhoudt, Joris - Appeltien Engineering; Huyghe, Natalie - Flemish Heritage Agency; Van der Veken, Bas - Regionaal Landschap Kleine en Grote Nete; Natuurpunt; Vancampenhout, Karen - KU Leuven – Technology Campus Geel

03. Combining awareness and public support for archaeology with in situ preservation of an archaeological monument: revisited after 4 years Dr Van Os, Bertil - Rijksdienst voor het cultureel erfgoed (Presenting author); Drs Schreurs, José - Rijksdienst voor het Cultureel Erfgoed; Drs De Groot, Tessa - Rijksdienst voor het Cultureel Erfgoed; Mr Van Wijk, Theo - Stichting Domplein; Drs Wynia, Herre - Utrecht Archeology; Drs Hoegen, Robert - ex situ archeology

04. Archaeological remains in Antwerp, to see or not to see...still the question. Mrs Schryvers, Anne - City of Antwerp, Department of Archaeology (Presenting author)
05. **Considering depiction practices** Dr van den Dries, Monique - Faculty of Archaeology, Leiden University (Presenting author)

06. **Archaeological reconstructions as tourist attractions. The archaeological heritage - an object of pleasure or a base of identity.** Mrs Byszewska, Agata - Narodowy Instytut Dziedzictwa / National Heritage Board Of Poland (Presenting author)

07. **It’s hard to keep your ancestors alive. The impact of an excavation to the identity of a community.** Dr. Van der Velde, Henk - ADC ArcheoProjecten (Presenting author)

08. **Looking for the community: limits and challenges of community involvement in archeological sites management** Nevada, Aníbal - Universitat Autonoma de Barcelona (Presenting author); Gonzalez-Marcen, Paloma - Universitat Autònoma de Barcelona

09. **“Those are not the druids you’re looking for…” Archaeology meets the Public – Expectations reloaded** Schwenzer, Gerit - University of Vienna (Presenting author)

10. **A RENEGADE PRESENTATION** Lindskog, Daniel - DLD - Daniel Lindskog Design (Presenting author)

11. **Westgate Oxford Pop Up Museum: Taking archaeology out into the city** Miss Peacock, Rebecca - Oxford Archaeology (Presenting author)

12. **The many roads of public outreach: Podcasting as one road to connect with the public about archaeology.** Ms Belmonte, Cristina - IPAT Cultural Services (Servicio cultural); Cooking with Archaeologists; Dr Amundsen, Colin - Archaeological Museum of Stavanger; Cooking with Archaeologists (Presenting author)

13. **Generating universal human values at UNESCO World Heritage Sites** Dr Perry, Sara - University of York (Presenting author)

14. **Emotion Design as a methodological approach towards archaeological presentation** Dr. van der Linde, Sjoerd - Studio Louter (Presenting author)

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**FUNERARY ARCHAEOLOGY. NEW DEVELOPMENTS IN BURIAL TAPHONOMY AND ARCHAEOThanatology**

**Theme:** 4. The ‘Third Science Revolution’ in Archaeology

**Room:** 1.11

**Date:** Friday, September 1

**Time:** 11:30 - 16:45

**Organiser:** Schotsmans, Eline (France) - University of Bordeaux; Mickleburgh, Hayley (Netherlands) - Leiden University; Gerdau-Radonic, Karina (United Kingdom) - Bournemouth University

**Format:** Session, made up of a combination of papers, max. 15 minutes each

**ABSTRACTS**

01. **The taphonomy of the unburied dead: decomposition in voids as a result of the migration period massacre at Sandby Borg** Alfsdotter, Clara - Linnaeus University; Bohusläns Museum (Presenting author)
02. Later Anglo-Saxon Wooden Coffins – Can Archaeothanatology Help to Find Them Mrs Green, Emma - University of Sheffield (Presenting author); Dr Craig-Atkins, Elizabeth - University of Sheffield

03. The taphonomy of funerary wooden trunks and chests: a view from Italy Full-time Researcher Vanzetti, Alessandro - University of Rome \ (Presenting author); BA Solaini, Prisca - University of Rome "La Sapienza"

04. Dust ‘N’ Bones – combining anthropology and geoarchaeology as a promising tool for bone taphonomy Brönnimann, David - Integrative Prehistory and Archaeological Science, University of Basel, Switzerland (Presenting author); Portmann, Cordula - Integrative Prehistory and Archaeological Science, University of Basel, Switzerland; Department of Biomedical Engineering, University of Basel, Switzerland; Dr Pichler, Sandra - Integrative Prehistory and Archaeological Science, University of Basel, Switzerland

05. Treatments of the dead in funerary context: Ritual disarticulation in prehistory of archipelago Dr. Ishikawa, Takeshi - Kyushu University (Presenting author)

06. Anthropic transformation of cadavers at Teouma (Vanuatu) Dr valentin, frederique - CNRS (Presenting author); Dr Allièse, Florence - MNHN; Dr Bedford, Stuart - ANU; Prof. Spriggs, Matthew - ANU

07. Reconstructing the mortuary chaîne opératoire in the Neolithic Near East: conducting actualistic experiments for a better understanding of burial practices. Dr M.J. Schotsmans, Eline - University of Bordeaux (Presenting author); Dr Ueland, Maiken - University of Technology Sydney, Australia; Dr Luong, Susan - University of Wollongong, Australia; Dr C. Prinsloo, Linda - University of Wollongong, Australia; Dr Nizio, Katie - University of Technology Sydney, Australia; Prof. F. Wallman, James - University of Wollongong, Australia; Prof. L. Forbes, Shari - University of Technology Sydney, Australia; Prof. J. Knüsel, Christopher - University of Bordeaux

08. An experimental approach to the interpretation of prehistoric cremations Curator, ph.d. Henrik-sen, Mogens Bo - Odense Bys Museer (Presenting author)

09. Experimental funerary taphonomy: documenting joint disarticulation and bone displacement in actualistic experiments to improve analysis and interpretation of human burials Dr. Mickleburgh, Hayley - Leiden University (Presenting author)

10. 3D Laser scanner and virtual model: two useful tools for burial taphonomy Zemour, Aurélie - Ausonius UMR 5607 LabExSciences archéologiques de Bordeaux; Université Côte d'Azur, Nice, France; CNRS CEPAM UMR 7264; Università degli studi di Roma « La Sapienza » (Presenting author); Sorin, Sabine - Université Côte d'Azur, Nice, France; CNRS CEPAM UMR 7264; Bonnardin, Sandrine - Université Côte d'Azur, Nice, France; CNRS CEPAM UMR 7264; Binder, Didier - Université Côte d'Azur, Nice, France; CNRS CEPAM UMR 7264

11. Rescue archaeology is the future? On an integrated 3D and taphonomy approach to documentation in St Olof cemetery, Lund, Sweden PhD Wilhelmson, Helene - Sydsvensk arkeologi AB (Presenting author)

12. Examples of Bronze Age “Deviant Burials”: Insights from Osteoarchaeology, Burial Taphonomy, Palaeopathology and Biomolecular Analyses Meyer, Christian - OsteoARC (Presenting author); Knipper, Corina - Curt-Engelhorn-Zentrum Archäometrie gGmbH; Warnberg, Ole - Universität Mainz;
13. **A case study of a secondary burial from Corded Ware Culture in Estonia - problems and results**
Ms Varul, Liivi - Tallinn University (Presenting author); Tõrv, Mari - ; Kriiska, Aivar - ; Saag, Lehti - ; Metspalu, Mait - ; Lõugas, Lembi -

14. **“Deviant” burial in Medieval Avarian necropolis of Pionirska Ulica (Serbia)**
Professor Djuric, Marija - Laboratory for Anthropology, Faculty of Medicine, Belgrade (Serbia); PhD Djukic, Ksenija - Laboratory for Anthropology, Faculty of Medicine, Belgrade (Serbia) (Presenting author); PhD student Pavlovic, Tamara - Laboratory for Anthropology, Faculty of Medicine, Belgrade (Serbia); PhD student Draskovic, Marko - Institute for Byzantine Studies, Serbian Academy of Sciences and Arts, Belgrade

15. **Beyond the Data. The potential for archaeothanatology to drive theoretical debates in mortuary archaeology.** Dr. Nilsson Stutz, Liv - Emory University; Linneus University (Presenting author)

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**366 EUROPEAN HUNTER-GATHERER WETLAND SITES. NEW DATA, MODELS AND PERSPECTIVES**

**Theme:** 6. Interpreting the archaeological record

**Room:** 1.07

**Date:** Friday, September 1

**Time:** 14:00 - 16:45

**Organiser:** Lübke, Harald (Germany) - Schleswig-Holstein State Museums Foundation Schloss Gottorf; Centre for Baltic and Scandinavian Archaeology (ZBSA); Groß, Daniel (Germany) - Schleswig-Holstein State Museums Foundation Schloss Gottorf; Centre for Baltic and Scandinavian Archaeology (ZBSA); Koivisto, Satu (Finland) - National Board of Antiquities -Archaeological Field Services; Milner, Nicky (United Kingdom) - University of York - Department of Archaeology

**Format:** Session, made up of a combination of papers, max. 15 minutes each

**ABSTRACTS**

**01. European Hunter-Gatherer Wetland sites: New Data, Models and Perspectives. Introduction talk**
Lübke, Harald - Centre for Baltic and Scandinavian Archaeology (ZBSA) (Presenting author); Groß, Daniel - Centre for Baltic and Scandinavian Archaeology (ZBSA); Koivisto, Satu - National Board of Antiquities - Archaeological Field Services; Milner, Nicky - University of York - Department of Archaeology

**02. Paleo and historical landscape of the Zamostje 2 microregion**
Dr. Lozovskaya, Olga - Institute for the History of Material Culture RAS; Sergiev Posad State History and Art Museum (Presenting author)

**03. Wetlands in Finnish Stone Age research – Current state of affairs**
Koivisto, Satu - National Board of Antiquities (Presenting author)
04. **Why to re-excavate wetland sites? Two examples from Lithuania**

Dr Piličiauskas, Gytis - Lithuanian Institute of History; Dr Piličiauskienė, Giedrė - Faculty of History, Vilnius University (Presenting author); Dr Kisielienė, Dalia - Laboratory of Quaternary Research, Nature Research Centre; PhD student Minkevičius, Karolis - Faculty of History, Vilnius University; Dr Gryguc, Gražyna - Laboratory of Quaternary Research, Nature Research Centre

05. **Enigmatic T-shaped antler axes of the north-east European forest zone**

Lübke, Harald - Centre for Baltic and Scandinavian Archaeology (ZBSA); Vashanau, Aliaksandr - Institute of History NAS of Belarus (Presenting author); Berzins, Valdis - Institute of Latvian History, University of Latvia; Charniauski, Maxim - Institute of History NAS of Belarus; Meadows, John - Centre for Baltic and Scandinavian Archaeology (ZBSA); Leibniz Laboratory for Radiometric Dating and Stable Isotope Research, University of Kiel; Piezonka, Henny - Institute of Prehistory, University of Kiel

06. **A Middle Mesolithic bark mat in South-Western Norway?**

Ms Alræk Dugstad, Sigrid - University of Stavanger (Presenting author); Dr. Eldegard Jensen, Christin - University of Stavanger

07. **Dating the legacy: Mesolithic bone and antler tools from Northern Germany**

Dr. Groß, Daniel - Centre For Baltic And Scandinavian Archaeology (ZBSA) (Presenting author); Dr. Lübke, Harald - Centre For Baltic And Scandinavian Archaeology (ZBSA); Dr. Meadows, John - Centre For Baltic And Scandinavian Archaeology (ZBSA); Christian-Albrechts-Universität zu Kiel, Leibniz-Labor für Altersbestimmung und Isotopenforschung; Dr. Schmölcke, Ulrich - Centre For Baltic And Scandinavian Archaeology (ZBSA)

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**METHOD, THEORY AND INTERPRETATION. TOWARDS AN INTEGRATED FRAMEWORK FOR ARCHAEOLOGICAL GEOPHYSICS**

**Theme:** 4. The ‘Third Science Revolution’ in Archaeology

**Room:** 1.17

**Date:** Thursday, August 31

**Time:** 8:30 - 12:45

**Organiser:** De Smedt, Philippe (Belgium) - Ghent University; Trinks, Immo (Austria) - Ludwig Boltzmann Institute for Archaeological Prospection and Virtual Archaeology

**Format:** Session, made up of a combination of papers, max. 15 minutes each

**ABSTRACTS**

01. **Part of something bigger. Integrating geophysics to multidisciplinary projects in Ostrowite and Rozprza (Poland).**

Dr Sikora, Jerzy - Institute of Archaeology, University of Lodz (Presenting author); Dr Kittel, Piotr - Department of Geomorphology and Palaeogeography, Faculty of Geographical Sciences, University of Lodz; Mr Wroniecki, p - Institute of Archaeology, University of Wrocław

02. **The role of Magnetometer survey in the research of early neolithic settlement patterns**

Mr Posselt, Martin - Posselt & Zickgraf Prospektionen GbR (Presenting author)
03. Reassessing surface artefact scatters. The integration of artefact-accurate fieldwalking with geophysical and historical data at Medieval harbour sites near Bruges. Dr. Trachet, Jan - Historical Archaeology Research Group, Department of Archaeology, Ghent University (Presenting author); Delefortrie, Samuel - Research Group Soil Spatial Inventory Techniques, Department of Soil Management, Ghent University; Prof. dr. Van Meirvenne, Marc - Research Group Soil Spatial Inventory Techniques, Department of Soil Management, Ghent University; Prof. dr. De Clercq, Wim - Historical Archaeology Research Group, Department of Archaeology, Ghent University

04. Beyond the Via Appia: an integrated approach to reconstruct multi-phase off-site landscapes in Central Italy Dr de Neef, Wieke - University of Groningen (Presenting author); Dr de Haas, Tymon - University of Cologne; University of Groningen; Dr Tol, Gijs - University of Melbourne; Diplom-Geophys. Ullrich, Burkart - Eastern Atlas Gmbh &CoKG; Prof. dr. Sevink, Jan - University of Amsterdam

05. POLARISING RESULTS: FAILURES AND SUCCESS Ing. Orbons, Joep - ArcheoPro; Saxion University (Presenting author)

06. Archaeogeophysical prospection and preventive archaeology in central-east Europe Dr. Milo, Peter - Masaryk university Brno (Presenting author)

07. The potential of electromagnetic induction for development-led archaeological prospection within sedimentary landscapes. PhD Saey, Timothy - Universiteit Gent (Presenting author); PhD Verhegge, Jeroen - Universiteit Gent; Laloo, Pieter - GATE Archaeology; Prof. Van Meirvenne, Marc - Universiteit Gent

08. A tale of cognitive dissonance: some remarks on the archaeological expectations of geophysical surveys - a Polish perspective. Mr Wroniecki, Piotr - University of Wrocław (Presenting author)

09. Are we there yet? Environmental settings and geophysical prospection Schneidhofer, Petra - Ludwig Boltzmann Institute for Archaeological Prospection and Virtual Archaeology (Presenting author); Tonning, Christer - Kulturarv Vestfold fylkeskommune; Nau, Erich - Norwegian Institute for Cultural Heritage Research; Trinks, Immo - Ludwig Boltzmann Institute for Archaeological Prospection and Virtual Archaeology; Neubauer, Wolfgang - Ludwig Boltzmann Institute for Archaeological Prospection and Virtual Archaeology; Draganits, Erich - Ludwig Boltzmann Institute for Archaeological Prospection and Virtual Archaeology; Gansum, Terje - Kulturarv Vestfold fylkeskommune; Paasche, Knut - Norwegian Institute for Cultural Heritage Research

10. Expeditious geophysical survey of several rural sites in late antique Mallorca (Balearic Islands, Spain) Ms Goossens, Lise - Eastern Atlas GmbH & Co. KG, Berlin, Germany (Presenting author); Mr Meyer, Cornelius - Eastern Atlas GmbH & Co. KG, Berlin, Germany; Mr Sala, Roger - SOT Prospieccio arqueologica, Barcelona, Spain; Ms Ortiz, Helena - SOT Prospieccio arqueologica, Barcelona, Spain; Dr Mas Florit, Catalina - Joukowsky Institute for Archaeology and the Ancient World, Brown University, USA; Equip de Recerca Arqueològica i Arqueomètrica de la Universitat de Barcelona (ERAAUB), Spain; Prof Cau Ontiveros, Miguel Ángel - Joukowsky Institute for Archaeology and the Ancient World, Brown University, USA; Equip de Recerca Arqueològica i Arqueomètrica de la Universitat de Barcelona (ERAAUB), Spain; ICREA, Pg. Lluís Companys 23, 08010 Barcelona, Spain
11. **3D GPR-MAPPING SURVEY IN A ROMAN MARITIME VILLA ON THE EASTERN IBERIAN COAST: A TOOL FOR ARCHAEOLOGICAL WORK PLANNING** Prof García, Francisco - Universidad Politecnica de Valencia; Prof. Melchor, José Manuel - Universidad Jaime I (Presenting author); Prof. Benedito, Josep - Universidad de Valencia; Prof. Buchón, Fernando - Universidad Politecnica de Valencia

12. **An integrated excavation and geophysical prospection approach - what can broad band magnetic susceptibility do for us?** Kainz, Jakob - University of Vienna; LWL - Archäologie für Westfalen (Presenting author)

13. **Water and Air: GPR damage detections in archaeological and cultural heritage** Professor Barone, Pier Matteo - The American University of Rome (Presenting author)

14. **Recent developments in integrated studies of the Early Iron Age sites and landscapes between the Alps and the Pannonian plain** Prof. Dr. Mušič, Branko - University of Ljubljana, Faculty of Arts; Prof. Dr. Cresnar, Matija - University of Ljubljana, Faculty of Arts; Institute for the Protection of Cultural Heritage of Slovenia (Presenting author)

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**369 CULTURES OF THE PLEISTOCENE-HOLOCENE TRANSITION IN WESTERN EUROPE**

**Theme:** 5. Comparing Archaeology Across Regions and Periods

**Room:** 1.10

**Date:** Friday, September 1

**Time:** 10:00 - 12:45

**Organiser:** Roman, Didac (Spain) - University of Barcelona/SERP; Langlais, Mathieu (France) - CNRS PACEA UMR 5199, Université de Bordeaux; Fat Cheung, Célia (France) - TRACES UMR 5609, Université Toulouse Jean Jaurès

**Format:** Session, made up of a combination of papers, max. 15 minutes each

**ABSTRACTS**

01. **Introduction: Cultures of the Pleistocene-Holocene transition in western Europe**

Dr. Roman-Monroig, Didac - SERP/University of Barcelona (Presenting author); Dr. Fat Cheung, Célia - TRACES UMR 5609, Université Toulouse Jean Jaurès; Dr. Langlais, Mathieu - CNRS PACEA UMR 5199, Université de Bordeaux

02. **Hamburgian societies in western Poland - lithic technology and settlement system**

Mugaj, Jakub - Institute of Archaeology and Ethnology Polish Academy of Science (Presenting author)

03. **The transition Pleistocene-Holocene in Southwestern France: new data from “Laborian Project”**

Mr Langlais, Mathieu - PACEA UMR5199 Univ. Bordeaux; SERP Univ. Barcelona (Presenting author); Mrs Bonnet-Jacquement, Peggy - Musée National de Préhistoire des Eyzies-de-Tayac; PACEA UMR5199 Univ. Bordeaux; Mr Detrain, Luc - INRAP direction interrégionale Grand Sud-Ouest; Mr Marquebielle, Benjamin - TRACES UMR5608 Univ. Toulouse Jean-Jaurès; Mrs Fat Cheung, Célia
04. The Late Upper Palaeolithic in French Pyrenees (lithic perspectives) Mrs Fat Cheung, Celia - TRACES UMR5608 Univ. Toulouse (Presenting author)

05. The lithic industries with geometrics of the Pleistocene / Holocene transition: the cases of Atxoste and Peña 14 (Spain) Soto, Adriana - University of Basque Country; TRACES, UMR-5608, University of Toulouse Jean-Jaurès (Presenting author); Rafael, Domingo - University of Zaragoza; García-Simón, Luís - University of Zaragoza; Alfonso, Alday - University of the Basque Country; Montes, Lourdes - University of Zaragoza

06. EXPLORING THE END OF THE UPPER MAGDALENIAN IN NORTHERN VALENCIAN REGION (Mediterranean Iberia). Dr. Roman-Monroig, Didac - SERP/University of Barcelona (Presenting author); Dr. Domingo, Inés - ICREA/Universitat de Barcelona/SERP

07. Lithic production and subsistence strategy in the Pleistocene-Holocene transition. Data from Coves de Santa Maira (Iberian Mediterranean region, Alicante, Spain) PhD student Vadillo Conesa, Margarita - Departament de Prehistòria Arqueologia i Història Antiga. Universitat de València (Presenting author); Dr Morales Pérez, Juan V. - Departament de Prehistòria Arqueologia i Història Antiga. Universitat de València; Dr Aura Tortosa, J.Emili - Departament de Prehistòria Arqueologia i Història Antiga. Universitat de València

RE-ENGINEERING THE PROCESS. HOW BEST TO SHARE, CONNECT, RE-USE AND PROVIDE ACCESS TO ARCHAEOLOGICAL INFORMATION

Theme: 4. The ‘Third Science Revolution’ in Archaeology
Room: 0.5
Date: Saturday, September 2
Time: 14:00 - 16:45
Organiser: May, Keith (United Kingdom) - Historic England; Visiting Research Fellow, University of South Wales; Degraeve, Ann (Belgium) - Responsable Département Patrimoine archéologique Direction des Monuments et des Sites
Format: Session with papers of six minutes and six slides

ABSTRACTS

01. **Sharing, not re-inventing, the wheel? Open access opportunities and issues.** May, Keith - HE - Historic England; University of South Wales - Visiting Research Fellow (Presenting author)

02. **Digitizing Early Farming Cultures (DEFC): converting, browsing and sharing archaeological legacy data**
    Aspöck, Edeltraud - Austrian Academy of Sciences, Institute for Oriental and European Archaeology; Štuhec, Seta - Austrian Academy of Sciences, Institute for Oriental and European Archaeology (Presenting author); Zaytseva, Ksenia - Austrian Academy of Sciences, Austrian Centre for Digital Humanities; Andorfer, Peter - Austrian Academy of Sciences, Austrian Centre for Digital Humanities

03. **Linking research through heritage standards – the role of FISH**
    Archaeologist Miles, Daniel - HE - Historic England (Presenting author)

04. **ATHENA - a historical database on flora and fauna species in cultural and natural contexts for the Netherlands**
    MA Van der Jagt, Inge - Cultural Heritage Agency of the Netherlands (Presenting author); Dr. Lenders, Rob - Radboud University Nijmegen; Dr. Goethem, Thomas - Radboud University Nijmegen; Dr. Lauwerier, Roel - Cultural Heritage Agency of the Netherlands; Dr. Brinkkemper, Otto - Cultural Heritage Agency of the Netherlands

05. **Maximising potential - the need for a Spatial Data Infrastructure for the heritage environment.**
    Mr McKeague, Peter - Historic Environment Scotland (Presenting author)

06. **How can we really manage open data sources?**
    Prof. Dr. Jerem, Elizabeth - Archaeolingua Foundation and Publishing House; Institute of Archaeology, Research Centre for Humanities of HAS (Presenting author)
**Theme:** 4. The ‘Third Science Revolution’ in Archaeology

**Room:** 2.7

**Date:** Friday, September 1

**Time:** 10:00 - 12:45

**Organiser:** Darvill, Timothy (United Kingdom) - Bournemouth University, UK; Lueth, Friedrich (Germany) - German Archaeological Institute, Germany; Ruby, Bret (United States) - Hopewell Culture National Historical Park, USA

**Format:** Session, made up of a combination of papers, max. 15 minutes each

**ABSTRACTS**

01. **Prehistoric Landscape around the henge monument at Avebury, Wiltshire (UK) – looking between the monuments** Professor Lüth, Friedrich - German Archaeological Institute, Germany (Presenting author); Professor Darvill, Timothy - Bournemouth University, UK; Dr Snashall, Nicola - National Trust; Dr Fischer, Andreas - SENSYS Sensorik und Systemtechnologie GmbH, Bad Saarow, Germany

02. **A geoarchaeological approach to geophysical landscape archaeology at Stonehenge.** Dr. De Smedt, Philippe - Ghent University (Presenting author); Dr. Chapman, Henry - University of Birmingham; Mr. Garwood, Paul - University of Birmingham

03. **Reconstructing a Neolithic Landscape at Abbey Home Farm, Cirencester, UK, through extensive magnetometry** Professor Darvill, Timothy - Bournemouth University, UK (Presenting author); Professor Lüth, Friedrich - German Archaeological Institute, Germany; Dr Fischer, Andreas - SENSYS Sensorik und Systemtechnologie GmbH, Bad Saarow, Germany

04. **Geophysical survey challenges at the Pyramids of Meroe (Sudan)** Ullrich, Burkart - Eastern Atlas, Berlin (Presenting author); Dr Abdelwahab, Mohammed - University of Dongola, Dongola; Dr Bashir, Mahmoud Suliman - National Corporation for Antiquities and Museums, Khartoum; Bushara, Murtada - National Corporation for Antiquities and Museums, Khartoum; Dombrowski, Juergen - Freelance cameraman; Dr De Neef, Wieke - University of Groningen; Pilz, Dana - Eastern Atlas, Berlin; Dipl Ing Riedel, Alexandra - German Archaeological Institute, Berlin; Dr Wolf, Pawel - German Archaeological Institute, Berlin

05. **The Dobużek Scarp Microregion (E Poland) in the light of geophysical prospections and surface surveys** Dr Furmanek, Miroslaw - Institute of Archaeology, University of Wrocław (Presenting author); Dr Chmielewski, Tomasz - Institute of Archaeology and Ethnology, University of Gdańsk; Mackiewicz, Maksym - Institute of Archaeology, University of Wrocław; Myślecki, Bartosz - Institute of Archaeology, University of Wrocław; Prof Zakośielna, Anna - Institute of Archaeology, Maria Curie-Skłodowska University

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06. Changing pictures at Hopewell Culture sites in Ohio, USA - Landscape-Scale Geophysical Surveys at Hopewell Mound Group, Seip Earthworks

*Professor Lüth, Friedrich - German Archaeological Institute, Germany (Presenting author); Professor Darvill, Timothy - Bournemouth University, UK; Dr Ruby, Bret - Hopewell Culture National Historical Park, USA; Dr Burks, Jarrod - Ohio Valley Archaeology, Inc., Columbus, Ohio, USA; Dr Messal, Sebastian - German Archaeological Institute, Germany; Dr Komp, Rainer - German Archaeological Institute, Germany*

07. Revealing Ritual Landscapes at the Hopewell Mound Group, Ohio, USA

*Dr. Ruby, Bret - US National Park Service (Presenting author)*

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### 375 URBAN ENCOUNTERS. STRATEGIES OF DISSEMINATING COMPLEX RESEARCH RESULTS IN THE CITY SPACE

**Theme:** 3. Trans- and Metadisciplinary Approaches in Archaeology  
**Room:** 2.9  
**Date:** Saturday, September 2  
**Time:** 14:00 - 16:45  
**Organiser:** Parby, Jakob Ingemann (Denmark) - Museum of Copenhagen; Toreld, Christina (Sweden) - Bohuslåns Museum; Sindbæk, Søren (Denmark) - University of Aarhus, Urbnet; Runge, Mads Thagård (Denmark) - Odense City Museums  
**Format:** Round table

### ABSTRACTS

01. Processing the Past in urban dissemination practices

*Dr Ingemann Parby, Jakob - Museum of Copenhagen (Presenting author)*

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### 378 VISUALISING THE PAST. EXPLORING MEANINGFUL APPROACHES IN INTERPRETING THE ARCHAEOLOGICAL RECORD (ON-SITE SESSION)

**Theme:** 6. Interpreting the archaeological record  
**Room:** Xanten, on site  
**Date:** Sunday, September 3  
**Time:** 10:00 - 17:00 (bus leaves from the Maasboulevard - "Hoge Brug" ("High Bridge" at the City Park in Maastricht at 7:30 hrs; return trip 19:30 hrs.)  
**Organiser:** Kocken, Marc (Netherlands) - ICOMOS NL; MARC heritage consultants; Kienzle, Dr. Peter (Germany) - LVR-Archäologischer Park Xanten; LVR-RömerMuseum, Xanten; Thomas, Dr.
**ABSTRACTS**

01. **The long and winding road of protecting archaeological sites in Flanders (Belgium).** Mrs. Cousserier, Katrien - Flemish Heritage Institute (Presenting author); Mr. Meylemans, Erwin - Flemish Heritage Institute; Mrs. Annaert, Rica - Flemish Heritage Institute

02. **Different times, new challenges. Management and protection of archaeological monuments in the Netherlands.** Drs. Groot, Tessa - Cultural Heritage Agency of the Netherlands (Presenting author); Drs. Schreurs, José - Cultural Heritage Agency of the Netherlands

03. **The Lower German Limes: understanding and managing a military landscape** Prof. Dr. Lüth, Friedrich - German Archeological Institut; M.A. Bödecker, Steve - LVR-Amt für Bodendenkmalpflege im Rheinland (Presenting author)

04. **The royal place Werla - between archaeological research, nature conservation and tourism** Dr. Blaich, Markus C. - Niedersächsisches Landesamt für Denkmalpflege (Presenting author)

05. **Against retention in situ** Professor Dr Karl, Raimund - School of History, Welsh History and Archaeology (Presenting author)
THE ARCHAEOLOGY OF EUROPEAN COLONIALISM. TOWARDS A POLITICALLY SITUATED RESEARCH AGENDA

Theme: 3. Trans- and Metadisciplinary Approaches in Archaeology
Room: 1.08
Date: Saturday, September 2
Time: 8:30 - 11:15
Organiser: Marin-Aguilera, Beatriz (United Kingdom) - University of Cambridge; Mantilla, Caterina (Germany) - University of Cologne; Herrera Malatesta, Eduardo (Netherlands) - University of Leiden
Format: Session with a key note speaker with contributions from discussants and discussion
Speaker: Dr Jaime R. Pagán-Jiménez

ABSTRACTS

01. From postcolonial discourses to decolonial attitudes: thoughts on archaeologies of action and liberation
Dr. Pagán-Jiménez, Jaime - Faculteit der Archeologie, Universiteit Leiden (Presenting author)

02. Subaltern and hegemonic ambiguities: practices of material culture, contradictions of oppression, domination, and resistance in the Portuguese empire
Dr. Cruz, M. Dores - University of Cologne (Presenting author)

03. SWEET AND SOUR ANALEPSIS. HOW BASQUES LOOK AT THEIR COLONIAL PAST
Ph.D ESCRIB-ANO-RUIZ, SERGIO - University of the Basque Country (UPV/EHU) (Presenting author); Prof. Azkarate, Agustin - University of the Basque Country (UPV/EHU); UNESCO Chair on Cultural Landscapes and Heritage

04. The colonial creation of territory and its legacy
Herrera-Malatesta, Eduardo - Universiteit Leiden (Presenting author)

05. Who needs whom? Interrelations in the construction of knowledge in the post-colonial context of the United Arab Emirates.
Dr. Dunning Thierstein, Cynthia - ArchaeoConcept; Ms. Dunning, Ellinor - ArchaeoConcept (Presenting author)

06. Archaeology and the politics of Knowledge. The white cube of the academic discourse.
Mg. Mantilla Oliveros, Johana Caterina - University of Cologne, Latin american History Department (Presenting author)

07. Social perceptions on local communities and foreign research projects
Mr jean, joseph sony - Leiden University (Presenting author)
VISUALISING THE PAST, PART II. EXPLORING MEANINGFUL APPROACHES IN INTERPRETING AND PRESENTING THE ARCHAEOLOGICAL RECORD

Theme: 6. Interpreting the archaeological record
Room: 1.06
Date: Thursday, August 31
Time: 14:00 - 16:45
Organiser: Thomas, Dr. Ben (United States) - Archaeological Institute of America, Boston; Kocken, Marc (Netherlands) - MARC heritage consultants; ICOMOS ICIP; Hodges, Sue (Australia) - ICOMOS ICIP; SHP; Kienzle, Dr. Peter (Germany) - LVR-Archäologischer Park Xanten; LVR-RömerMuseum, Xanten
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. SPATIAL RECONSTRUCTION OF THE “WORKSHOP” FEATURE FROM BÁNOVCE NÁD BEBRAVOU (WESTERN SLOVAKIA) Mgr. Chmelo, Ladislav - Constantine the Philosopher University Nitra; Mgr. Styk, Matej - Constantine the Philosopher University Nitra (Presenting author)

02. Using all the tools in the box. A multi-pronged approach to engaging the public in the Somerset wetlands, England Dr Brunning, Richard - South West Heritage Trust (Presenting author)

03. The Scholar – The Message – The Visitor. The Xanten Experience Dr. Kienzle, Peter - Landschaftsverband Rheinland (Presenting author)

04. Assessing the impact: an evaluation framework for 3D visualisations of archaeological sites. The Erimi- Laonin tou Porakou experience Dolcetti, Francesca - university of york (Presenting author)

05. Bones, Photogrammetry and Virtual Reconstruction: bringing prehistoric violence to the public Ordoño, Javier - University of the Basque Country; ARKIKUS: a Window to the Past (www.arkikus.com) (Presenting author); Fernández-Crespo, Teresa - University of the Basque Country; University of Oxford
TOWARDS DIGITAL INFRASTRUCTURES FOR OPEN, PARTICIPATORY, PUBLIC ARCHAEOLOGY

Theme: 2. The Valletta Convention: the next 25 years
Room: 1.08
Date: Friday, September 1
Time: 10:00 - 12:45
Organiser: Fernie, Kate (United Kingdom) - 2Culture Associates; Dallas, Costis (Canada) - University of Toronto; Laužikas, Rimvydas (Lithuania) - University of Vilnius; Degraeve, Ann (Belgium) - Heritage Direction of the Brussels Capital Region
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. Archaeological research practices, infrastructures and needs in the digital environment: a European survey
Prof. Dallas, Costis - Faculty of Information, University of Toronto; Digital Curation Unit, IMIS - Athena Research Centre; Ms Chatzidiakou, Nephelie - Digital Curation Unit, IMIS - Athena Research Centre; Dr Benardou, Agiatis - Digital Curation Unit, IMIS - Athena Research Centre (Presenting author)

02. Connecting Research and People. Developing an interactive platform for Research Frameworks in England
Archaeologist Miles, Daniel - HE - Historic England (Presenting author)

03. Seeing the Light of Day: unlocking the community and research potential of archaeological archives
Ms Fernie, Kate - 2Culture Associates (Presenting author)

04. Beyond the sharing in archaeology
Laužikas, Rimvydas - Vilnius University Faculty of Communication (Presenting author)

05. CITiZAN’s digital toolkit: allowing citizen scientists to monitor England’s at-risk coastal heritage
Ostrich, Stephanie - CITiZAN (Coastal and Intertidal Zone Archaeological Network); MOLA (Museum of London Archaeology) (Presenting author)

06. Re-discovering archaeological heritage using mobile technologies. The case of non-accessible monuments of ancient Thessaloniki
PhD Candidate Theodoroudi, Eleftheria - AUTH (Presenting author); Prof Kotsakis, Kostas - AUTH; Ass. Prof. Kasvikis, Kostas - UoWM

07. Teaching about archaeological finds via web-based quiz and identification application
Mr Kimber, Andres - University of Tartu (Presenting author); Mr Sikk, Kaarel - University of Luxembourg
ABSTRACTS

01. Heritage and Culture in India: An Archaeo-Anthropological perspective Professor Ray, Ranjana - Calcutta University (Presenting author)

02. Role of Public Archaeology in Management of Prehistoric Cultural Heritage in India Mr. MONDAL, DEBASIS - CALCUTTA UNIVERSITY; ASIATIC SOCIETY (Presenting author)

03. Human and Heritage Interaction: The Protection of Prehistoric Sites in West Bengal, India Dr. Tarafdar, Pinak - University of North Bengal (Presenting author)

04. From Corporate Social Responsibility to Cultural Sustainability - moving towards the future Ms. Basu, Asmita - Army Institute of Management; National Institute of Technology (Presenting author)

05. Temples of Bengal & Archaeological Heritage Policies- The Past, Present & Future Prof. Basu, Durga - Calcutta University (Presenting author)

06. Maastricht ceramics in Japan Drs Dijkman, Wim - Centre Céramique (Presenting author)

07. "Tales of the Jomon and Kofun": archaeological heritage and society in contemporary Japan Dr. Bausch, Ilona - University of Tokyo (Presenting author)

08. The effectiveness of archaeological predictive maps. Management and protection of archaeological sites in St. Eustatius and Saba, Caribbean Netherlands. Dr. de Waal, Maaike - Leiden University; University of the West Indies, Barbados (Presenting author)

09. Archaeological Heritage Policies and Good Practices in the Latin America and the Caribbean Dr. Robrahm Gonzalez, Erika Marion - UISPP - Union Internationale des Sciences Prehistoriques et Protohistoriques (Presenting author)
387  STANDING STONES. THE WHOLE STORY?

Theme:  5. Comparing Archaeology Across Regions and Periods
Room:  2.8
Date:  Saturday, September 2
Time:  10:00 - 12:45
Organiser:  Higginbottom, Gail (Australia) - AUSTRALIAN NATIONAL UNIVERSITY; Gonzalez Garcia, A. Cesar (Spain) - The Institute of Heritage Sciences (Incipit); National Research Council (CSIC)
Format:  Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. Standing Stone Anthropomorphism and Ritual Context at the Iron Age Cult Center of Tel Dan, Israel
   Dr Ilan, David - Hebrew Union College (Presenting author)

02. Monument-construction as focus of community-building - The case of Göbekli Tepe, Turkey.
   MA, Current PhD student Notroff, Jens - German Archaeological Institute (Presenting author); MA Dietrich, Oliver - German Archaeological Institute

03. NEOLITHIC MEGALITHISM IN UPPER MESOPOTAMIA
   Assoc.Prof. Dr. Türkcan, Ali - Anadolu Üniversitesi (Presenting author); Assoc.Prof. Dr. Karul, Necmi - İstanbul Üniversitesi, Dept.of Prehistory

04. Megaliths and mounds, where the sky and the underworld meet? A view from Galicia
   Dr. González-García, Antonio César - Institute of Heritage Sciences, Incipit-CSIC (Presenting author)

05. Wood and stone: new aspects on Breton menhir structures
   Dr. Perschke, Reena - Museum Lichtenberg (Berlin) (Presenting author)

06. Posts used instead of stones: Early Bronze Age alignments in Linsmeau showing a possible astronomical intent
   Archaeologist Heller, Frederic - Public Service of Wallonia (Presenting author); Dr Ing Zotti, Georg - LBI ArchPro, Vienna; Dr Motta, Silvia - INAF; Osservatorio di Brera (Milano); Dr Gaspani, Adriano - INAF; Osservatorio di Brera (Milano)

07. A PREHISTORIC CALENDAR AT DROMBEG STONE CIRCLE RECONSTRUCTED BY IDENTIFYING MEANINGS OF STONE SHAPES AND EXPLAINING THE DIFFERENT PLANNED SPACINGS
   Professor Meaden, Terence - Oxford University (Presenting author)

08. Archaeoacoustics - Sounds of the past
   W. Tjellesen, Lise - University of Reading (Presenting author); Colligan, Karen - The Archaeoacoustic Research Society
THE “GREAT DIVIDE” ONCE MORE? ARCHAEOLOGY IN THE NORTH AND SOUTH OF EUROPE

Theme: 1. Twenty-five Years after Maastricht: Archaeology and Europe’s future
Room: 2.8
Date: Friday, September 1
Time: 14:00 - 16:45
Organiser: Voutsaki, Sofia (Netherlands) - Professor of Greek Archaeology, University of Groningen; Kotsakis, Kostas (Greece) - Professor of Archaeology, Aristotle University of Thessaloniki; Barreiro, David (Spain) - Researcher, Institute of Heritage Sciences, Spanish National Research Council
Format: Round table

ABSTRACTS

01. The “Great Divide” once more? An introduction to the discussion Prof Dr Voutsaki, Sofia - Faculty of Arts, University of Groningen (Presenting author)

02. Development led Archaeology in Sweden Dr Skyllberg, Eva - Swedish National Heritage Board (Presenting author)

03. Archaeology in Turkey Prof. Dr. Hürmüzlü Kortholt, Bilge - Süleyman Demirel Unv (Presenting author)

04. Italy in the crisis: perspectives of archaeological research Full-time Researcher Vanzetti, Alessandro - University of Rome La Sapienza (Presenting author)

05. From theoru to reality: Italian archaeology in the 2010s Phd Cella, Elisa - Confederazione Italiana Archeologi; Phd Pintucci, Alessandro - Confederazione Italiana Archeologi (Presenting author)

06. The figures of archaeology: an opportunity to think Research Assistant Varela-Pousa, Rocío - Instituto de Ciencias del Patrimonio (Incipit) (Presenting author); Dr. Parga-Dans, Eva - CICS.NOVA, Universidade Nova de Lisboa; Group of Territorial Studies (GET), Sociology Faculty, University of A Coruña; Dr. Barreiro Martínez, David - Instituto de Ciencias del Patrimonio (Incipit); Research Technician Sánchez Martín, Raquel - Instituto de Ciencias del Patrimonio (Incipit)
THE MESSAGE, NOT THE MEDIUM. IMPROVING LECTURING AT INTERNATIONAL CONFERENCES

Theme: 6. Interpreting the archaeological record
Room: 2.3
Date: Thursday, August 31
Time: 14:00 - 15:15
Organiser: Collis, John (United Kingdom) - University of Sheffield; Pearce, Mark (United Kingdom) - University of Nottingham; Lodewijckx, Marc (Belgium) - University of Leuven
Format: Session with a key note speaker with contributions from discussants and discussion
Speaker: John Collis and Mark Pearce

ABSTRACTS

01. The impenetrable abstraction of obscurity: before and after the colon Mr Hinton, Peter - Chartered Institute for Archaeologists (Presenting author)

02. Conference presentation: some dos and don’ts Professor Pearce, Mark - University of Nottingham (Presenting author)

03. Introduction Professor Collis, John, Ralph - Retired / Sheffield University (Presenting author)

MEDITERRANEAN SURVEY IN DIALOGUE

Theme: 5. Comparing Archaeology Across Regions and Periods
Room: 2.1
Date: Saturday, September 2
Time: 8:30 - 15:15
Organiser: Meens, Anna (Netherlands) - University of Amsterdam; Stissi, Vladimir (Netherlands) - University of Amsterdam; Nazou, Margarita (Belgium) - Université catholique de Louvain; Belgian School at Athens
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. The intensive survey at prehistoric Ayios Vasilios: A stepping stone for a European research project Dr Wiersma, Corien - University Of Groningen (Presenting author)

02. New school pottery studies for understanding cultural connectivity in Mediterranean landscapes (Late Bronze Age-Early Iron Age) Dr Ippolito, Francesca - University of Groningen; Dr Fasanella Masci, Marianna - University of Groningen (Presenting author)

03. The Ocean Between Us: Comparing Archaeological Survey in the Mediterranean and the Midwest Dr TANKOSIĆ, Žarko - Norwegian Institute at Athens; Indiana University (Presenting author); Watts Malouchos, Elizabeth - Indiana University
04. Surveying islands in Europe: bridging theoretical perceptions and methodologies Dr. Nazou, Margarita - Université catholique de Louvain (Presenting author)

05. Ljubuški Archaeological Project: 21st century surveying and prospecting in difficult dialogue with 19th century Austro-Hungarian scholarship Dziurdzik, Tomasz - Institute of Archaeology, University of Warsaw (Presenting author)

06. Inclusive and multi-scalar archaeological survey of large areas: looking for the Roman army footprint in Northwest Iberia Dr. Fonte, João - Institute of Heritage Sciences (Incipit), Spanish National Research Council (CSIC); Department of Archaeology, University of Exeter (Presenting author); Dr. Costa-García, José Manuel - University of Santiago de Compostela; Vrije Universiteit Amsterdam

07. Archaeological surveys through the lenses of a study of ancient urbanism: Roman Thrace Dr Willet, Rinse - Leiden University (Presenting author); Dr Donev, Damjan - Leiden University; Dr Karambinis, Michalis - Leiden University

08. A tale of cities and methods: developments in urban survey compared. Professor Stissi, Vladimir - Universiteit van Amsterdam (Presenting author)

09. Reflecting on 25 years of archaeological survey in the Sagalassos territory (SW Turkey) Dr. Vandam, Ralf - University of Leuven (Presenting author); Dr. Kaptijn, Eva - Royal Belgian Institute of Natural Sciences

10. We talk the talk, but do we walk the walk? Field survey practices in the Netherlands compared to the Mediterranean. Drs. Raczynski-Henk, Yannick - Leiden University (Presenting author)

11. Searching for camps and finding the evidence Drs. niekus, marcel j.l.th. - Stichting STONE / Foundation for Stone Age research in the Netherlands (Presenting author)

12. Cetina Valley as a Bronze Age mediator between the Mediterranean and Central Europe - results of an intensive survey project Associate professor Tomas, Helena - Department of Archaeology, Faculty of Humanities and Social Sciences (Presenting author)

13. Extensive survey as means of detecting places of life & places of death in the hinterland of the eastern Adriatic Mr. Triplat, Jura - Faculty of humanities and social sciences in Zagreb (Presenting author)

14. On Finding and Interpreting Rural Burial Locations in the Mediterranean and Europe Meens, Anna - University of Amsterdam (Presenting author)

15. A Poor Pick Of Pottery? Reassessing The Type-Site In Middle Helladic ‘Dark Age’ Thessaly: The Almiros Plain Turley, Ailbhe - University of Amsterdam (Presenting author)
BEYOND SIMPLISTIC NARRATIVES. CAN ARCHAEOLOGY, LINGUISTICS AND GENETICS GO TOGETHER?

Theme: 4. The ‘Third Science Revolution’ in Archaeology
Room: 0.11
Date: Friday, September 1
Time: 8:30 - 12:45
Organiser: Haak, Wolfgang (Germany) - Max Planck Institute for the Science of Human History; Kroonen, Guus (Denmark) - Institute for Nordic Studies and Linguistics, Njalsgade 120, 2300 Copenhagen S; Stockhammer, Philipp (Germany) - Institut für Vor- und Frühgeschichtliche Archäologie und Provinzialrömische Archäologie, Ludwig-Maximilians-Universität München
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. The Aryan Debate Pertaining to India Today Dr. Elst, Koenraad - Pragyata, Delhi (Presenting author)
02. Genetics and geographical orientation of the Eurasian Nomads (VI-III cent. B.C.) Dr. Ochir-Goryaeva, Maria - Chalikov Institute of Archaeology; Kalmyk Research Centre Russian Academy of Sciences (Presenting author)
03. Mobility and Migration in European Neolithic communities – Integrating archaeology, anthropology and molecular biology Dr. Furholt, Martin - Kiel University (Presenting author)
04. A multidisciplinary approach to modeling expansions from the Franco-Cantabrian refuge Dr. Frank, Roslyn - University of Iowa (Presenting author)
05. The Potential of Palaeogenetics for the Aegean Bronze Age Studies Ozturk, Huseyin - American School of Classical Studies at Athens; University of Cincinnati (Presenting author)
06. The genetic origins of the Minoans and Mycenaean Lazaridis, Iosif - Department of Genetics, Harvard Medical School, Boston, Massachusetts 02115, USA; Broad Institute of Harvard and MIT, Cambridge, MA, 02142, USA; Mittnik, Alissa - Max Planck Institute for the Science of Human History, Jena, Germany; Institute for Archaeological Sciences, University of Tubingen, 72074 Tubingen, Germany (Presenting author); Patterson, Nick - Broad Institute of Harvard and MIT, Cambridge, MA, 02142, USA; Radcliffe Institute, Cambridge, MA 02138, USA; Vasilakis, Andonis - 23rd Ephorate of Prehistoric and Classical Antiquities, Herakleion, Crete, 71202; McGeorge, P.J.P. - British School at Athens, Athens 106 76, Greece; Konsolaki-Yannopoulou, Eleni - 4th Ephorate of Prehistoric and Classical Antiquities, Nafplion, Greece, 21100; Korres, George - Department of Archaeology, University of Athens, Athens, Greece 17584; Martlew, Holley - The Holley Martlew Archaeological Foundation, The Hellenic Archaeological Foundation Tivoli House, Tivoli Road, Cheltenham GL50 2TD England; Michalodimitrakis, Manolis - University of Crete Medical School, Herakleion, Crete, 711 13, Greece; Özsait, Mehmet - Erenköy, Bayar caddesi, Eser Apt. No. 7, Daire 24. Kadiköy-İSTANBUL, Turkey; Özsait, Nesrin - Erenköy, Bayar caddesi, Eser Apt. No. 7, Daire 24. Kadiköy-İSTANBUL, Turkey; Papathanasiou, Anastasia - Ephorate of Paleoantropology and Speleology, Greek Ministry of Culture, Athens Greece, 11636; Richards, Michael - Department of Archaeology, Simon Fraser University, 8888 University Drive, Burnaby, B.C., Canada,
07. Sign(s) of the Times? Chariots, the Wheel, and Meaning-Making in the Bronze Age Southern Urals
Dr. Johnson, James - University of Copenhagen (Presenting author)

08. Early Bronze Age family relations and mobility from a linguistic perspective
Prof. Dr. Lubotsky, Alexander - Leiden University; Dr. Pronk, Tijmen - Leiden University (Presenting author)

09. Searching for the beginnings of Germanic in Scandinavia - An archaeo-linguistic approach
Mr. Nørtoft, Mikkel - Indo-European studies, University of Copenhagen (Presenting author)

10. In the crossroads of east and west: tracing the population history of Finland with ancient DNA
Prof. Dr. Krause, Johannes - Max Planck Institute for the Science of Human History, Department of Archaeogenetics; Ph.D. candidate Majander, Kerttu - Max Planck Institute for the Science of Human History, Department of Archaeogenetics; University of Tübingen, Institute for Archaeological Sciences; University of Helsinki, Department of Biosciences (Presenting author); Ph.D. candidate Lamnidis, Thiseas - Max Planck Institute for the Science of Human History, Department of Archaeogenetics; Dr. Salmela, Elina - University of Helsinki, Department of Biosciences; Max Planck Institute for the Science of Human History, Department of Archaeogenetics; Dr. Wessman, Anna - University of Helsinki, Department of Archaeology; MD. Prof. Sajantila, Antti - University of Helsinki, Department of Forensic Medicine; Adj. Prof. Onkamo, Päivi - University of Helsinki, Department of Biosciences; Dr. Haak, Wolfgang - Max Planck Institute for the Science of Human History, Department of Archaeogenetics; Dr. Schiffels, Stephan - Max Planck Institute for the Science of Human History, Department of Archaeogenetics

11. New data on the genetic origin of early Hungarians (8-10th AD), and its comparison with archaeological, linguistic and historical sources
Dr Csákyová, Veronika - Institute of Archaeology, Research Centre for the Humanities, Hungarian Academy of Sciences (Presenting author); Stégmár, Balázs - Institute of Archaeology, Research Centre for the Humanities, Hungarian Academy of Sciences; Department of Genetics, Faculty of Sciences, ELTE University, Budapest; Dr Türk, Attila - Department of Archaeology, Faculty of Humanities and Social Sciences, Pázmány Péter Catholic University, Budapest; Dr Mende, Balázs G. - Institute of Archaeology, Research Centre for the Humanities, Hungarian Academy of Sciences; Dr Egyed, Balázs - Department of Genetics, Faculty of Sciences,
ELTE University, Budapest; Dr Szécsényi-Nagy, Anna - Institute of Archaeology, Research Centre for the Humanities, Hungarian Academy of Sciences

12. **Triangulation and the spread of the Transeurasian languages** Dr. Dr. Habil. Robbeets, Martine - Max Planck Institute for the Science of Human History (Presenting author)

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### EARTHEN ARCHITECTURES FROM THE NEOLITHIC TO THE IRON AGE. DETECTION OF STRUCTURES AND CHARACTERIZATION OF BUILDING TECHNIQUES

**Theme:** 6. Interpreting the archaeological record  
**Room:** 0.9  
**Date:** Saturday, September 2  
**Time:** 8:30 - 16:45  
**Organiser:** Jallot, Luc (France) - Université Paul-Valéry Montpellier 3, UMR 5140 ASM; Peinetti, Alessandro (Italy) - Université Paul-Valéry Montpellier 3, UMR 5140 ASM, Labex Archimède; Università di Bologna; Mylona, Pantelitsa (Cyprus) - Muséum national d'histoire naturelle, UMR 7209; Gómez Bach, Anna Maria (Spain) - Universitat Autònoma de Barcelona; D’Oronzo, Cosimo (Italy) - Università di Roma La Sapienza; Molist, Miquel (Spain) - Universitat Autònoma de Barcelona; Onfray, Marylise (France) - Université Panthéon Sorbonne, UMR 8215 Trajectoire; Speciale, Claudia (Italy) - Scuola di Dottorato in Scienze del Patrimonio Culturale, Università del Salento; Wattez, Julia (France) - INRAP, UMR 5140 ASM; Di Pascale, Ambre (France) - Université Paul-Valéry Montpellier 3, UMR 5140 ASM

**Format:** Session, made up of a combination of papers, max. 15 minutes each

### ABSTRACTS

01. **Neolithic mud constructions: 25 years of research in the field of preventive archaeology in Southern France** Jallot, Luc - Université Paul-Valéry Montpellier 3, UMR 5140 ASM; Di Pascale, Ambre - Université Paul-Valéry Montpellier 3, UMR 5140 ASM (Presenting author)

02. **Preservation Environment and Post Depositional alterations of earthen architectural materials at Middle Bronze Age Erimi-Laonin tou Porakou, Cyprus** Amadio, Marialucia - University of Reading (Presenting author)

03. **Taphonomic reading of recently abandoned mud houses in support of prehistoric tell-digging: The case of Tell Arbid Village (northeastern Syria)** Dr. Wilding, Maximilian - Masaryk University, Brno (Presenting author)

04. **Settlements of the Sintashta archaeological culture: organization, architecture, and building materials** Professor Koryakova, Ludmila - Institute of History and archaeology, RAS (Presenting author)

05. **Living in invisible houses: Comparative analyses of Neolithic and Bronze Age domestic structures at Gradište Idjoš in the Carpathian Basin** Dr. Molloy, Barry - UCD (Presenting author)
06. An experimental and comparative study of burned and un-burned wattle and daub architecture
Professor Gheorghiu, Dragos - National University of Arts (Presenting author)

07. The architecture of Çatalhöyük West: of buttresses, vanishing floors, and pseudo-bricks
Dr Anvari, Jana - Flinders University (Presenting author)

08. Detection of prehistoric earthen architecture: geoarchaeological contribution
Wattez, Julia - INRAP; Peinetti, Alessandro - Université Paul-Valéry Montpellier 3, UMR 5140 ASM; Labex Archimede ("Investissement d'Avenir" program ANR-11-LABX-0032-01); Università di Bologna (Dipartimento di Storia Culture Civiltà) (Presenting author); Onfray, Marylise - Université Pantheon Sorbonne, UMR 8215 Trajectoire; Mylona, Pantelitsa - Muséum national d'histoire naturelle, UMR 7209

09. Characterization of earthen building materials and techniques in arid contexts: case studies from South-eastern Arabia
Dr Azzarà, Valentina - UMR 7041 - ArScAn - VEPMO (Presenting author)

10. The Taphonomy of Minoan mudbricks (current PhD. Student) Lorenzon, Marta - University of Edinburgh (Presenting author)

11. Load-bearing turf or sod walls in the northern Netherlands, 400-1300 AD
M.A Postma, Daniël - Archaeo Build / University of Groningen (Presenting author)

12. The earthen architecture at Neolithic Dikili Tash (Greece): twenty years of research on building techniques
Ms Prevost-Dermarkar, Sandra - Protohistoire égéenne - UMR 7041- Archéologies et Sciences de l'Antiquité (Presenting author); Ms Germain-Vallée, Cécile - Service archéologique départemental du Calvados; Chercheuse associée au laboratoire LETG-GEOPHEN UMR 6554 UCN

13. The Early Neolithic wattle and daub structure of Lugo di Romagna, Fornace Gattelli (North East Italy)
PhD Tasca, Giovanni - Museo Civico di San Vito al Tagliamento (Presenting author); Dr Steffè, Giuliana - Soprintendenza Archeologia, Bologna - Italy; Dr Degasperi, Nicola - Cora Ricerca Archeologica s.r.l. - Trento, Italy

14. Following water management in first Neolithic villages from the Middle East: A view from Tell Halula
Prof. Miquel, Molist - Universitat Autònoma de Barcelona; Dr. Gomez Bach, Anna - Autonomous University of Barcelona (Presenting author)

15. Architecture as a process of continuity and change: Late Neolithic building strategies and techniques at Çatalhöyük
Baranski, Marek Zbigniew - Academy of Fine Arts in Gdansk; Gdansk University of Technology (Presenting author)

16. Spread and Independent technical Invention of the Cob and Moulded Mud brick in the South Caucasus during the sixth millennium?
PhD BAUDOUIN, Emmanuel - Paris-Sorbonne University (Presenting author)

17. Earthen architecture and the Early Neolithic houses of the Iberian Peninsula: current advances and future perspectives
Gómez, Magdalena - IPHES (Presenting author)

18. Earthen architecture in the Iron Age in temperate France: the example of the South-West
PhD Student Pierre, Péfau - University Toulouse Jean Jaurès (Presenting author)
19. Application of micromorphology to the study of earthen architectures in prehistoric contexts from the northeast of the Iberian Peninsula. Dr Mateu, Marta - Universitat de Barcelona; GRAP and SERP (Presenting author)

20. Earthen Architecture Examination from the Neolithic to the Iron Age in the Southern Caucasus
Dr Gasparyan, Boris - Department of Early Archaeology, Institute of Archaeology and Ethnography of National Academy of Science, Republic of Armenia; Ms Iovino, Maria Rosa - Istituto Italiano di Paleontologia Umana - Rome, Italy (Presenting author); Dr Petrosyan, Arthur - Department of Early Archaeology, Institute of Archaeology and Ethnography of National Academy of Science, Republic of Armenia; Dr Dan, Roberto - ISMEO, Rome, Italy; Ms Vitolo, Priscilla - ISMEO, Rome, Italy

POSTERS

Mud bricks and “concotti” from nuragic settlement of Palmavera (Alghero, Sardinia). Preliminary archaeometric results. Pais, Marta - Università degli Studi di Sassari (Presenting author)

The prehistoric village of Case Bastione, Villarosa, Enna (Italy): daub and domestic architecture in central Sicily Miss Speciale, Claudia - Università del Salento (Presenting author); Mr Giannitrapani, Enrico - Coop. Arkeos; Mr Iannì, Filippo - Coop. Arkeos

Return on experience: identification of earthen structures of the neolithic sites of the hill Saint-Charles in Marseille (France). Dr Sénépart, Ingrid - DAVDM-UMR-CNRS 5608 TRACES (Presenting author); Dr Wattez, Julia - INRAP - National Institute for Preventive Archaeological Research

397 MAKING CHOICES

Theme: 2. The Valletta Convention: the next 25 years
Room: 1.09
Date: Friday, September 1
Time: 14:00 - 16:45
Organiser: Marik, Jan (Czech Republic) - Institute of Archaeology of the CAS, Prague, v.v.i.; Sloane, Barney (United Kingdom) - Historic England

Format: Session with papers of six minutes and six slides

ABSTRACTS

01. Making Choices in European Development-led Archaeology - towards an understanding of decision frameworks Mr Sloane, Barney - HE - Historic England; European Archaeological Council (Presenting author)

02. Making Choices for Archaeological Archives in Europe Mr Brown, Duncan - HE - Historic England; Archaeological Archives in Europe; Dr Bibby, David - EAC Working Group for Archaeological Archives (Presenting author)

03. Making Choices about the Archaeological Heritage for the future Dr Skyllberg, Eva - Swedish National Heritage Board (Presenting author)
04. **Knowledge for informed choices** Dr Lauwerier, Roel C.G.M. - Cultural Heritage Agency of The Netherlands (Presenting author)

05. **Tools for validation of archaeological investigations** Special Advisor, Archaeologist Roland, Thomas - Agency for Culture & Palaces, Denmark (Presenting author)

06. **Making Choices – A monument between preservation and research** Dr Schrettle, Bernhard - ASIST; Dr Steigberger, Eva - Bundesdenkmalamt (Presenting author)

07. **Research arising from Development-Led Interventions** Dr O’Keeffe, John - Department for Communities (Northern Ireland) (Presenting author)

08. **Considerations on financing of development archaeology** Ms Kreiter, Eszter - Budavári Ltd; Ms Wollak, Katalin - independent heritage expert (Presenting author)

09. **Research design and research frameworks in development-led archaeology.** PhD Marik, Jan - AU - Institute of Archaeology of the Academy of Sciences of the Czech Republic (Presenting author)

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**398 ON THE MARGINS? THINKING THROUGH MARGINALITY IN THE HOLOCENE MEDITERRANEAN**

**Theme:** 5. Comparing Archaeology Across Regions and Periods

**Room:** 2.3

**Date:** Friday, September 1

**Time:** 10:00 - 16:45

**Organiser:** Vandam, Ralf (Belgium) - University of Leuven; Tomkins, Peter (Greece) - American School of Classical Studies at Athens

**Format:** Session, made up of a combination of papers, max. 15 minutes each

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**ABSTRACTS**

01. **On the margins? Thinking through marginality in the Holocene Mediterranean** Vandam, Ralf - University of Leuven; Tomkins, Peter - American School of Classical Studies at Athens (Presenting author)

02. **The 20th century invention of ancient mountains** Dr. Robb, John - Cambridge University (Presenting author)

03. **Margins of settlement, marginal regions and marginal people** Professor Dr BINTLIFF, JOHN - Leiden University (Presenting author)

04. **Marginalia- great for connecting ideas, translating jargon, and spurring critical thinking.** Dr Miller, Holly - University of Nottingham (Presenting author)

05. **Investigating the Margin: the Archaeology of Jordan’s Eastern Badlands** Professor Akkermans, Peter M.M.G. - Faculty of Archaeology Leiden University (Presenting author)

06. **Identifying activity in marginal landscapes using non-marginal settlement cores. Landscape and land use reconstruction in the western Taurus mountains.** Dr. Kaptijn, Eva - Royal Belgian Institute of Natural Sciences (Presenting author); Dr. Marinova, Elena - Katholieke Universiteit Leuven;
07. Highlands as a marginal zone? Comparing the Burdur Plain with the Dereköy Highlands in Pisidia, SW Turkey
   Vandam, Ralf - University of Leuven (Presenting author); Willett, Patrick - State University of New York at Buffalo, USA; Poblome, Jeroen - University of Leuven

08. AGAINST ALL ODDS: UNUSUAL TYPE SITES IN INNER WEST ANATOLIA AT 6. MILL. B.C WITHIN KANLITAŞ MOUND AS A CASE
   Assoc.Prof. Dr. Türkcan, Ali Umut - Anadolu Üniversitesi (Presenting author)

09. Marginal gains? The breaking and making of communities in East Crete at the transition to the Early Bronze Age.
   Dr Tomkins, Peter - American School of Classical Studies at Athens (Presenting author)

10. Central or marginal? Small island networks of the central Mediterranean during the Bronze Age
    Dr Dawson, Helen - Freie Universität Berlin (Presenting author)

11. Re-thinking Marginality as Opportunity for Interaction: an Example from the Northern Fringes of the Late Bronze Age Aegean
    Prof. Dr. Stockhammer, Philipp - Ludwig-Maximilians-University, Munich; Max Planck Institute for the Science of Human History, Jena, Germany; Assist. Prof. Athanassov, Bogdan - New Bulgarian University, Sofia (Presenting author)

12. Early Modern Ethnography and Bronze Age Archaeology of the foothills and uplands of the Raganello basin (northern Calabria, Italy)
    Professor Attema, Peter - Groningen Institute of Archaeology (Presenting author)

13. RECENT ARCHAEOLOGICAL STUDY IN THE TRANSALPINE CONTEXT OF THE AOSTA VALLEY IN ITALY
    Dott. Wicks, David - Akhet srl; Dott.ssa Armirotti, Alessandra - Patrimonio Archeologico. Soprintendenza ai Beni e Attività Culturali della Regione Autonoma Valle d'Aosta (Presenting author)

14. Romans and “marginal” (?) Ligures: the Polcevera Valley case study.
    Professor Pasquinucci, Marinella - University of Pisa (Presenting author)

15. Questioning marginality: Distance, localness and autonomy in upland Calabria
    Dr. Robb, John - Cambridge University (Presenting author); Dr Chesson, Meredith - University of Notre Dame; Dr Foxhall, Lin - University of Liverpool; Mr Yoon, David - American Numismatic Society; Dr Lazrus, Paula - St. Johns University
401  IRON PRODUCTION, TRADE AND CONSUMPTION AS BRIDGE BUILDERS DURING THE MIDDLE AGES AND THE EARLY MODERN ERA

Theme: 6. Interpreting the archaeological record
Room: 1.13/14
Date: Friday, September 1
Time: 14:00 - 16:45
Organiser: Haggrén, Georg (Finland) - University of Helsinki; Karlsson, Catarina (Sweden) - Bergslagens medeltidsmuseum; Magnusson, Gert (Sweden) - Jernkontoret
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. Iron technique, processual knowledge and social interaction in medieval and early modern Europe
   Associate Professor Magnusson, Gert - Stockholm University (Presenting author)

02. Ferrous and non-ferrous metallurgy in the Viking Age, specialisation and separate activities?
   Case studies from the Mälar Valley
   Dr. Sahlén, Daniel - Jernkontoret (Presenting author)

03. Border Area and Iron Ore Production Site? - The Northern Franconian Jura Upland, Germany
   Mr Lebsak, Michael - University of Bamberg (Presenting author)

04. Mining and social organization
   Professor Lindkvist, Thomas - University of Gothenburg (Presenting author)

05. The mining district of Bergslagen; work, landscape and society
   Dr Karlsson, Catarina - Jernkontoret; Bergslagens Medeltidsmuseum (Presenting author)

06. The mining district of Central Sweden and the medieval industrialization - change in mining and settlement 1000 – 1500
   PhD Pettersson Jensen, Ing-Marie - Avesta county; Jernkontoret (Presenting author)

07. Early modern Swedish iron production initiated by the Crown
   PhD Haggren, Georg - University of Helsinki (Presenting author)

08. The spread of the indirect process in Western Europe. An historical and archaeometallurgical perspective through iron armatures used in construction.
   L'Héritier, Maxime - Université Paris 8; EA 1571 - HPSS (Presenting author); Dillmann, Philippe - LAPA-IRAMAT, NIMBE, CEA, CNRS, Université de Paris-Saclay CEA-Saclay

09. The spread of the indirect process in Western Europe. Historical, archaeological and archaeometallurgical contribution from the Glinet excavation (Normandy, France)
   Arribet-Deroin, Danielle - Institut d'histoire de l'art et archéologie, Université Paris 1 Panthéon-Sorbonne; LAMOP UMR 8589 (Presenting author); Dillmann, Philippe - LAPA-IRAMAT, NIMBE, CEA, CNRS, Université de Paris-Saclay CEA-Saclay
DEPLOYING THE DEAD. INTERDISCIPLINARY DIALOGUES

Theme: 3. Trans- and Metadisciplinary Approaches in Archaeology
Room: 0.11
Date: Saturday, September 2
Time: 8:30 - 12:45
Organiser: Weiss-Krejci, Estella (Austria) - Austrian Academy of Sciences; Becker, Sebastian (Austria) - Austrian Academy of Sciences; Smejda, Ladislav (Czech Republic) - Czech University of Life Sciences
Format: Session with papers of six minutes and six slides

ABSTRACTS

01. The Modern Roots of the Ancient Dead
Doctor/Phd Reiter, Samantha - The National Museum of Denmark (Presenting author); Prof. Frei, Karin - The National Museum of Denmark

Professor Schwyzer, Philip - University of Exeter (Presenting author)

03. Respect and the long-dead: interacting with the remains of Richard III
Dr Appleby, Jo - School of Archaeology and Ancient History (Presenting author)

04. Cannibalism offers delicious food for thought
Dr Smejda, Ladislav - Czech University of Life Sciences Prague (Presenting author)

05. Continuing Bonds: Past Legacies and Future Directions in Researching Interactions with the Dead
Doctor/Phd Büster, Lindsey - University of Bradford (Presenting author); Dr Croucher, Karina - University of Bradford; Dr Dayes, Jennifer - University of Bradford; Professor Faull, Christina - LOROS Hospice, Leicester; Ms Green, Laura - University of Bradford

06. Working on the base - how an Egyptian Predynastic burial can serve as a popularisation tool in modern Europe
Dr. Debowska-Ludwin, Joanna - Jagiellonian University in Krakow (Presenting author)

07. Deploying the tomb: a spatial reference and material symbol of the urban Swahili
Dr Baumanova, Monika - University of Uppsala; University of Basel (Presenting author)

08. Why does a minority community refuse to exploit its loved ones?
Ph.D Shay, Talia - Former senior lecturer, Technion Haifa, the technical institute of Israel (Presenting author)

09. Reading the Dead: approaching funerary complexity through digitised archives
Dr Becker, Sebastian - Austrian Academy of Sciences (Presenting author)

10. The Bodies: the archive of the outer world
Horak, Jan - Czech University of Life Sciences, Dept. of Ecology; Charles University, Institute of Archaeology (Presenting author); Šmejda, Ladislav - Czech University of Life Sciences, Dept. of Ecology

11. Empowered objects: amulets and post-mortem agency in medieval and post-medieval Europe
Dr Weiss-Krejci, Estella - Austrian Academy of Sciences (Presenting author)

12. Quarrying the ‘Cor’: The Heart-Case of Roger de Norton
Dr. Howell, Naomi - University of Exeter (Presenting author)
**403**  DIVING INTO WASTE. FOOD STUDIES FROM FILthy CONTEXTS

**Theme:**  6. Interpreting the archaeological record

**Room:**  2.4

**Date:**  Thursday, August 31

**Time:**  8:30 - 11:15

**Organiser:**  Pena-Chocarro, Leonor (Spain) - INSTITUTO DE HISTORIA, SPANISH NATIONAL RESEARCH COUNCIL; Pérez Jordà, Guillem (Spain) - INSTITUTO HISTORIA, SPANISH NATIONAL RESEARCH COUNCIL; Sadori, Laura (Italy) - Università degli Studi di Roma La Sapienza; Masi, Alessia (Italy) - Università degli Studi di Roma La Sapienza

**Format:**  Session, made up of a combination of papers, max. 15 minutes each

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**ABSTRACTS**

01. **Sorting through garbage. Approaching the study of plant foods in Al-Andalus**  Dr Pérez-Jordà, Guillem - CSIC; Dr Peña-Chocarro, Leonor - CSIC (Presenting author); Dr Alonso, Natalia - Universitat de Lleida (Presenting author)

02. **Uninvited and unclean- Pests, dispersal, exchange networks and disease**  Dr Eva, Panagiotakopulu - School of GeoSciences, University of Edinburgh (Presenting author)

03. **Fish Tapeworm at the Late Bronze Age Settlement of Must Farm, UK**  Mitchell, Piers D. - Department of Archaeology and Anthropology, University of Cambridge, UK; Ledger, Marissa - Department of Archaeology and Anthropology, University of Cambridge, UK (Presenting author); Grimshaw, Elisabeth - Department of Archaeology and Anthropology, University of Cambridge, UK; Fairey, Madi - Department of Archaeology and Anthropology, University of Cambridge, UK; Ballantyne, Rachel - McDonald Institute for Archaeological Research, University of Cambridge, UK; Knight, Mark - Cambridge Archaeology Unit, UK

04. **Waste talks: filthy context of Vilnius Lower Castle (13th-17th c.)**  Dr Blaževičius, Povilas - Vilnius University (Presenting author); Dr Piliciauskienė, Giedrė - Vilnius University; Rumbutis, Saulius - Tadas Ivanauskas Zoological Museum

05. **Intestinal parasites from a latrine in the Roman baths of Sagalassos (Turkey): Implications for sanitation, cooking practices, and medical treatment**  Dr Mitchell, Piers - University of Cambridge (Presenting author); Ms Williams, Faith - University of Cambridge; Mr Arnold-Foster, Theo - University of Cambridge; Dr Yeh, Hui-Yuan - Nanyang Technological University, Singapore; Dr Baeten, Jan - Catholic University of Leuven, Belgium; Prof Poblome, Jeroen - Catholic University of Leuven, Belgium

07. **A taste of historic cookery: a reconstruction of the daily meal based on archaeobotanical material, historical sources and experimental gastronomy**  Drs Hondelink, Merit - University of Groningen (Presenting author)
POSTERS

Diet and importation of new plants in Burgundy. The study of wells to know the diet during the Roman period. Archaeobotanist desiderio, anna maria - Inrap (Presenting author)

404 LANDSCAPE AS THE FRAMEWORK FOR SOCIAL DYNAMICS. QUALITATIVE AND QUANTITATIVE ASSESSMENT OF SURVEY METHODS AND APPROACHES

Theme: 6. Interpreting the archaeological record
Room: 2.7
Date: Friday, September 1
Time: 14:00 - 16:45
Organiser: Saccoccio, Fabio (United Kingdom) - University of Nottingham; Magno, Laura Matilde (Belgium) - Université Catholique de Lovain
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. Non-destructive multidisciplinary research in Northern Carpathian Basin – New results of ISzAP Project. Dr. Fábián, Szilvia - Hungarian National Museum; Larsson, Nicklas - Hungarian National Museum; Guba, Szilvia - Kubinyi Ferenc Museum; Dr. Salisbury, Roderick B. - University of Vienna, Austrian Academy of Sciences; Szilágyi, Kata - Eötvös Loránd University - Institute of Archaeological Sciences; Dr. Bácsmegi, Gábor - Munkácsy Mihály Museum; Czifra, Szabolcs - Hungarian National Museum; Dr. Serlegi, Gábor - Hungarian Academy of Sciences; Dr. Tóth, Peter - Comenius University, Department of Archaeology, Faculty of Philosophy (Presenting author)

02. Mecsek Geoarchaeological Project – the beginnings of the new research. Szilágyi, Kata - Institute of Archaeological Sciences - Eötvös Loránd University (Presenting author); Czukor, Péter - Institute of Archaeological Sciences - Eötvös Loránd University; Dr. Fintor, Krisztián - Department of Mineralogy, Geochemistry and Petrology - University of Szeged

03. Combining digital and traditional survey techniques: A case study from northern Ecuador integrating remote sensing and pedestrian survey M.A. Dyrdahl, Eric - Pontificia Universidad Católica del Ecuador; Ph.D. Montalvo, Carlos - N.A. (Presenting author)

04. Geoarchaeological survey methods for Cosanga clay sources in the Northern Highlands of Ecuador: New approaches between Andes and Amazon Region Ing Sánchez, Luis - Escuela Politécnica Nacional; Master Serrano, Carlo - Sacharxeos (Presenting author); Dr Aldás, Oswaldo - Escuela Politécnica Nacional

05. Unravelling the Iron Age landscape in the Campine area of Flanders (Belgium). Mr Meylemans, Erwin - Flemish Heritage Institute (Presenting author); Prof. De Bie, Marc - Flemish Heritage Institute
06. **LF archaeological survey: preliminary data for the study of the territory in Western Vercellae area**

Dr. Peverelli, Benedetta - Università di Pavia (Presenting author); Dr. Smoquina, Elena - Università di Pavia; Prof. Gorrini, Maria Elena - Università di Pavia

**POSTERS**

**Burial mounds as landmarks. The results of a field survey**

Kogalniceanu, Raluca - Vasile Parvan Institute of Archaeology, Bucharest, Romania (Presenting author); Dimache, Madalina - Museum of the Gumelnita Civilization, Oltenita, Romania; Morintz, Alexandru - Vasile Parvan Institute of Archaeology, Bucharest, Romania

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**CATTLE-BASED AGRICULTURE IN CENTRAL EUROPE. INTRODUCTION, SPREAD AND IMPACT**

**Theme:** 6. Interpreting the archaeological record  
**Room:** 0.7  
**Date:** Saturday, September 2  
**Time:** 8:30 - 15:15  
**Organiser:** Roffet-Salque, Melanie (United Kingdom) - University of Bristol; Smyth, Jessica (Ireland) - University College Dublin; Evershed, Richard P. (United Kingdom) - University of Bristol  
**Format:** Session, made up of a combination of papers, max. 15 minutes each

**ABSTRACTS**

**01. Modelling the evolution of lactase persistence in Europe**

Dr Gerbault, Pascale - University of Westminster, London; University College London (Presenting author); Dr Powell, Adam - Max Plank Institute; Prof. Burger, Joachim - Johannes Gutenberg University Mainz; Prof Swallow, Dallas - University College London; Prof Thomas, Mark - University College London

**02. The origin of domesticated cattle in Europe – an ancient DNA perspective**

Dr Scheu, Amelie - Johannes Gutenberg-University Mainz, Palaeogenetics Group (Presenting author)

**03. Adaptations of Neolithic cattle husbandry to Central Europe: integration of the woodland landscape component, seasonal reproduction, consequences on dairy economy**

Dr BALASSE, Marie - UMR 7209 « Archéozoologie, archéobotanique: sociétés, pratiques, environnements », Sorbonne Universités, CNRS-MNHN, Paris, France. (Presenting author); Dr BERTHON, Rémi - UMR 7209 « Archéozoologie, archéobotanique: sociétés, pratiques, environnements », Sorbonne Universités, CNRS-MNHN, Paris, France.; Dr GILLIS, Rosalind - UMR 7209 « Archéozoologie, archéobotanique: sociétés, pratiques, environnements », Sorbonne Universités, CNRS-MNHN, Paris, France.; Dr BALASESCU, Adrian - National Museum of Romanian History, Bucharest, Romania.; Dr KOVACIKOVA, Lenka - Laboratory of Archaeobotany and Palaeoecology, Faculty of Sciences, University of South Bohemia, Czech Republic.; Ms NYERGES, Eva Agnes - Institute of Archaeology, RCH, Hungarian Academy of Sciences, Budapest, Hungary; Dr TRESSET, Anne - UMR 7209 « Archéozoologie, archéobotanique: sociétés,
04. **The effect of trophic level on individual amino acid δ¹⁵N values in a terrestrial ruminant food web** Mr Kendall, Iain - University of Bristol (Presenting author); Prof Evershed, Richard - University of Bristol

05. **Introducing Bylany LBK culture through organic residue analysis** Ing. Brychova, Veronika - UCT Prague, Czech Republic; Department of Radiation Dosimetry, Nuclear Physics Institute, The Czech Academy of Sciences, Czech Republic (Presenting author); Dr. Roffet-Salque, Melanie - University of Bristol, UK; Prof. Pavlu, Ivan - Institute of Archaeology of the Academy of Sciences of the Czech Republic, Czech Republic; Prof. Filip, Vladimir - UCT Prague, Czech Republic; Prof. Evershed, Richard P. - University of Bristol, UK

06. **Michelsberg Settlement Patterns in Hessa: Shifting Sedentism and Agropastoralism** Professor Dr Gronenborn, Detlef - Roemisch-Germanisches Zentralmuseum; Johannes-Gutenberg University, Mainz (Presenting author); M. A. Fetsch, Sandra - Freelance Archaeologist Graz, Austria; Römisch-Germanisches Zentralmuseum; Dr. Shenjere-Nyabezi, Plan - University of Zimbabwe

07. **A multi-proxy approach to diet and animal management in the Neolithic of northern Greece** Dr Whelton, Helen - University of Bristol (Presenting author); Prof Halstead, Paul - University of Sheffield; Dr Triantaphyllou, Sevi - Aristotle University of Thessaloniki; Dr Isaakidou, Valasia - University of Oxford; Prof Kotsakis, Kostas - Aristotle University of Thessaloniki; Dr Urem-Kotsou, Dushka - Democritus University of Thrace; Prof Evershed, Richard - University of Bristol

08. **Linearbandkeramik animal husbandry: an insight from age-at-death analysis of cattle, sheep, goats and pigs.** Dr Gillis, Rosalind - Institute for Prehistoric and Protohistoric Archaeology, Christian-Albrechts University, Kiel, Johanna-Mestorf Strasse 2-6, D-24098 Kiel, Germany; CNRS - Muséum national d'Histoire naturelle – Sorbonne Universités, Archéozoologie, Archéobotanique: Sociétés, Pratiques et Environnement (UMR 7209), Département Ecologie et Gestion de la Biodiversité, CP 56, 55 rue Buffon, F-75005 Paris, France (Presenting author); Ms Johnson, Emily - Department of Archaeology, University of Exeter, Laver Building, North Park Road, Exeter, EX4 4QE, U.K.; Dr Guthmann, Emilie - UMR 7044, MISHA, 5 allée du Général Rouvillois, F-67083 Strasbourg, France; Dr Vigne, Jean-Denis - CNRS - Muséum national d'Histoire naturelle – Sorbonne Universités, Archéozoologie, Archéobotanique: Sociétés, Pratiques et Environnement (UMR 7209), Département Ecologie et Gestion de la Biodiversité, CP 56, 55 rue Buffon, F-75005 Paris, France; Dr Schaefer, Marguerita - IPNA, Universität Basel, 45 Spalenring, CH 4055 Basel; Dr Arbogast, Rose-Maire - UMR 7044, MISHA, 5 allée du Général Rouvillois, F-67083 Strasbourg, France
09. Early Dairying in the Romanian Neolithic? Lipid Residue Analysis of Vessels from Radovanu-La Muscalu and Şoimuş-La Avicola (5th Millennium BC) Nicodemus, Amy - University of Wisconsin, La Crosse Department of Archaeology and Anthropology; Stefan, Cristian-Eduard - "Vasile Pârvan" Institute of Archaeology, Romanian Academy (Presenting author)

10. Long houses - big herds: LBK cattle herding and architecture Dr. Strien, Hans-Christoph - Johannes Gutenberg-Universität Mainz (Presenting author)

12. The impact of dairying adoption and intensification on bone fat exploitation in the Linearbandkeramik culture Ms Johnson, Emily - Department of Archaeology, University of Exeter, Exeter, EX4 4QE, UK (Presenting author); Dr Roffet-Salque, Mélanie - Organic Geochemistry Unit, School of Chemistry, University of Bristol, Cantock's Close, Bristol BS8 1TS, UK; Dr Gillis, Rosalind - Institute for Prehistoric and Protohistoric Archaeology, Christian-Albrechts University, Kiel, Johanna-Mestorf Strasse 2-6, D-24098 Kiel, Germany; CNRS - Muséum national d'Histoire naturelle – Sorbonne Universités, Archéozoologie, Archéobotanique: Sociétés, Pratiques et Environnement (UMR 7209), Département Ecologie et Gestion de la Biodiversité, CP 56, 55 rue Buffon, F-75005 Paris, France; Prof Evershed, Richard - Organic Geochemistry Unit, School of Chemistry, University of Bristol, Cantock's Close, Bristol BS8 1TS, UK; Prof Outram, Alan - Department of Archaeology, University of Exeter, Exeter, EX4 4QE, UK

13. Meat, milk and prestige. The use of cattle and its products in the Early Neolithic of the Polish lowlands Prof Marciniak, Arkadiusz - Institute of Prehistory, Adam Mickiewicz University, Poznań, Poland; Prof Evershed, Richard P. - Organic Geochemistry Unit, School of Chemistry, University of Bristol, Bristol, UK (Presenting author)

14. Cash cows: The introduction of domestic livestock beyond the Mediterranean zone in the sixth millennium BC Mr Ethier, Jonathan - Institut für Ur- und Frühgeschichte und Vorderasiatische Archäologie, Universität Heidelberg (Presenting author); Prof. Dr. Bánffy, Eszter - Römisch-Germanische Kommission des Deutschen Archäologischen Instituts; Assoc. Prof. Dr. Vuković, Jasna - Department of Archaeology, University of Belgrade; Assoc. Prof. Dr. Bacvarov, Krum - National Institute of Archaeology and Museum, Bulgarian Academy of Sciences; Dr. Roffet-Salque, Mélanie - Organic Geochemistry Unit, School of Chemistry, University of Bristol; Prof. Dr. Evershed, Richard - Organic Geochemistry Unit, School of Chemistry, University of Bristol; PD Dr. Ivanova, Maria - Institut für Ur- und Frühgeschichte und Vorderasiatische Archäologie, Universität Heidelberg

15. Animal husbandry on the Polish territory in the Early Neolithic Dr Wilczynski, Jaroslaw - Institute of Systematics and Evolution of Animals, Polish Academy of Sciences; Sławkowska 17, 31-016 Kraków, Poland (Presenting author); MSc Wędzicha, Sylwia - Institute of Systematics and Evolution of Animals, Polish Academy of Sciences; Sławkowska 17, 31-016 Kraków, Poland

16. Temporal evolution of dietary practices and pottery use in the Lower Alsace during the Neolithic seen through lipid residue analysis Prof Evershed, Richard P. - University of Bristol; Miss Casanova, Emmanuelle - University of Bristol (Presenting author); Dr Roffet-Salque, Mélanie - University of Bristol
17. **Diversity of cattle exploitation in the Linearbandkeramik culture** Válečková, Šárka - Ph.D.

Student, UMR 7044, Université de Strasbourg, MISHA 5 allée du général Rouvillois, 67083 Strasbourg Cedex. (Presenting author); Arbogast, Rose-Marie - CNRS Research Director, UMR 7044, MISHA 5 allée du général Rouvillois, 67083 Strasbourg Cedex.; Gillis, Roz - CNRS - Muséum national d’Histoire naturelle – Sorbonne Universités, Archéozoologie, Archéobotanique : Sociétés, Pratiques et Environnement (UMR 7209), Département Ecologie et Gestion de la Biodiversité, CP 56, 55 rue Buffon, F-75005 Paris, France.; Institute for Prehistoric and Protohistoric Archaeology, Christian-Albrechts University, Kiel, Johanna-Mestorf Strasse 2-6, D-24098 Kiel, Germany; Guthmann, Emilie - UMR 7044, Université de Strasbourg, MISHA 5 allée du général Rouvillois, 67083 Strasbourg Cedex.; Schaefer, Marguerita - Scientific collaborator, IPNA, Universität Basel, 45 Spalenring, 4055 CH Basel.; Jeunesse, Christian - Professor, UMR 7044, Université de Strasbourg, MISHA 5 allée du général Rouvillois, 67083 Strasbourg Cedex.; Institut Universitaire de France.

**POSTERS**

**Neolithic Cattle in Romania** Dr. Balasescu, Adrian - National Museum of Romanian History (Presenting author)

**406 DIGGING FOR HISTORICAL PERSONALITIES. IDENTIFICATION OF HUMAN REMAINS. MYTH OR REALITY?**

**Theme:** 4. The ‘Third Science Revolution’ in Archaeology

**Room:** 0.1

**Date:** Saturday, September 2

**Time:** 8:30 - 15:15

**Organiser:** Engovatova, Asya (Russia) - Institute of Archaeology Russian Academy of Sciences; Belyaev, Leonid (Russia) - Institute of Archaeology Russian Academy of Sciences; Depaepe, Pascal (France) - INRAP; Mednikova, Maria (Russia) - Institute of Archaeology Russian Academy of Sciences

**Format:** Session with pre-circulated papers

**ABSTRACTS**

01. **Burial identification at the Moscow Divinity Academy Cemetery, at Russia’s oldest monastery – the Trinity St Sergius Lavra.** Dr. Engovatova, Asya - Institute of Archaeology of Russian Academy of Sciences (Presenting author)

02. **The « Couvent des Jacobins » excavation (Rennes, Brittany): identification of the Louise de Quengo’s grave.** Mrs Duchesne, Sylvie - Inrap (Presenting author); Dr Depaepe, Pascal - Inrap; CNRS UMR 7194
03. **The Lost Branch of the Tsars’ House: the cemetery of the Romanovs at the New Monastery of the Savior (Moscow)**

Dr. Belyaev, Leonid - Institute of Archaeology of Russian Academy of Sciences; Yolkina, Irina - Institute of Archaeology of Russian Academy of Sciences (Presenting author)

04. **The Lost Branch of the Tsars’ House: the cemetery of the Romanovs at the New Monastery of the Savior (Moscow)**

Dr Belyaev, Leonid - Institute of Archaeology Russian Academy of Sciences;
Mrs Elkina, irina - Institute of Archaeology Russian Academy of Sciences (Presenting author)

05. **Bioarchaeological approach in identification of high status female burial of the 17th century: gender aspect**

Prof. Dr. Mednikova, Maria - Institute of Archaeology Russian Academy of Sciences (Presenting author)

06. **Identification of Archbishop Nikon, during archaeology at the Holy Spirit’s Descent Church of Trinity St Sergius Lavra.**

Dr. Engovatova, Asya - Institute of Archaeology of Russian Academy of Sciences (Presenting author); Vasileva, Elena - Institute of Archaeology of Russian Academy of Sciences; Dr. Dobrovolskaya, Maria - Institute of Archaeology of Russian Academy of Sciences; Kuryystsin, Maxim - Institute of Archaeology of Russian Academy of Sciences

07. **Sleepy Knight: the last days of one of the Russian Prince**

PhD Reshetova, Irina - Institute of Archaeology Russian Academy of Sciences (Presenting author)

08. **The remains of the soldiers of the Great War on the western front. 700000 disappeared, the problem of their identification.**

Mr Prilaux, Gilles - Inrap; CNRS UMR 8164 (Presenting author); Doctor/Phd Depaepe, Pascal - Inrap; CNRS UMR 7194

09. **The last archimandrites of Solovetsky Monastery: the identification of historical characters**

Dr. Shvedchikova, Tatiana - Institute of Archaeology Russian Academy of Sciences (Presenting author); Dr. Khartanovich, Valery - Peter the Great Museum of Anthropology and Ethnography Russian Academy of Sciences; Mr. Galeev, Ravil - Institute of Ethnology and Anthropology Russian Academy of Sciences

10. **Identifying the remains of Napoleonic War heroes. General Yermolov.**

Vasileva, Elena - Institute of Archaeology of Russian Academy of Sciences (Presenting author); Dr. Engovatova, Asya - Institute of Archaeology of Russian Academy of Sciences; Prof. D.S.C., Ph.D. Mednikova, Maria - Institute of Archaeology of Russian Academy of Sciences; Radjush, Oleg - Institute of Archaeology of Russian Academy of Sciences; Ph. D. Shvedchikova, Tatyana - Institute of Archaeology of Russian Academy of Sciences; Reshetova, Irina - Institute of Archaeology of Russian Academy of Sciences

11. **Nickolay Vasilievich Gogol at the burial ground of Saint Daniel monastery in Moscow: legends and archaeology**

Dr. Belyaev, Leonid - Institute of Archaeology of Russian Academy of Sciences (Presenting author)

12. **The last ataman of the Zaporozhye Sich: historical sources and anthropological expertise**

Dr Dobrovolskaya, Maria - Institute of Archaeology Russian Academy of Sciences (Presenting author); PhD Reshetova, Irina - Institute of Archaeology Russian Academy of Sciences

13. **The cemetery of the Novodevichy Convent settlement in Moscow: archaeology, anthropology and facial reconstruction**

Grigorian, Svetlana - Institute of Archaeology of Russian Academy of Sciences
14. **3D geometrical morphometrics as a method of recognizing biological relatives in synchronous collective burials from archaeological excavations: case study**

Tarasova, Anna - Institute of Archaeology Russian Academy of Sciences (Presenting author)

15. **Perspectives of archaeogenetic research for historical identification. Pilot study.**

Ms. Matsvay, Alina - Moscow Institute of physics and technology; Central Scientific Research Institute of Epidemiology (Presenting author); Dr. Alborova, Irina - Moscow Institute of physics and technology; Ms. Pimkina, Ekaterina - Central Scientific Research Institute of Epidemiology; Dr. Markelov, Mikhail - Central Scientific Research Institute of Epidemiology; Dr. Khafizov, Kamil - Moscow Institute of physics and technology; Central Scientific Research Institute of Epidemiology; Dr. Mustafin, Kharis - Moscow Institute of physics and technology

16. **Portrait of the artist. The identification and facial reconstruction of one of the burials of the New Jerusalem monastery**

Glazunova, Olga - Institute of Archaeology of Russian Academy of Sciences (Presenting author); Rasskazova, Anna - Institute of Ethnology and Anthropology Russian Academy of Science

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**408 ILLUMINATING THE PAST, ENLIGHTENING THE FUTURE. EXPERIMENTAL ARCHAEOLOGY PIONEERING FOR SOCIETAL DEVELOPMENT?**

**Theme:** 3. Trans- and Metadisciplinary Approaches in Archaeology

**Room:** 2.6

**Date:** Thursday, August 31

**Time:** 10:00 - 12:45

**Organiser:** Postma, Daniel (Netherlands) - Independent Researcher; Duckworth, Chloe (United Kingdom) - Newcastle University; Tomsons, Artūrs (Latvia) - Latvian National History Museum

**Format:** Session, made up of a combination of papers, max. 15 minutes each

**ABSTRACTS**

01. **Archaeologically inspired eco-building: a perspective from the Netherlands**

M.A Postma, Daniël - Archaeo Build / University of Groningen (Presenting author)

02. **SCUPINI ROMANI - an archaeological experiment which became a live movable project**

Archaeologist Dimitrovska, Vasilka - HAEMUS - Center for scientific research and promotion of culture (Presenting author)

03. **Developing pottery making skills in local rural community of Sultana-Malu Rosu**

Dr. Theodor Aurelian, Ignat - National History Museum of Romania; Bucharest Municipality Museum (Presenting author); Dr. Catalin, Lazar - National History Museum of Romania
04. Baltic Experimental Archeology Summer School: Initial results 2017 Dr. Tomsons, Arturs - Latvian National History museum (Presenting author)

410 LANGUAGE IN EUROPEAN PREHISTORY

Theme: 6. Interpreting the archaeological record
Room: 0.5
Date: Saturday, September 2
Time: 8:30 - 12:45
Organiser: Scutt, Winfrid (United Kingdom) - English Heritage; Otte, Marcel (Belgium) - Université de Liège
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. Multilingual coin inscriptions in pre-Roman East Anglia Dr Nash Briggs, Daphne - Retired (Presenting author)

02. Using Place-Names to build Absolute Chronologies for Language: the case of English in Prehistoric Britain Mr Scutt, Win - English Heritage (Presenting author)

03. DNA and the Origins of the British Dr Evans, Chris - University of Cambridge; Dr Forster, Peter - University of Cambridge (Presenting author); Dr Burger, Joachim - University of Mainz; Dr Lucy, Samantha - University of Cambridge

04. WRONG HORSE? WRONG WHEEL? WRONG LANGUAGE? Mr Morris, Jonathan - ASLIP (Presenting author)

05. The Palaeolithic hypothesis for Indo-European Professor Ballester, Xaverio - Universidad de Valencia (Presenting author)

06. The Origins of Indo European languages in the Palaeolithic Professor Otte, Marcel - University of Liege (Presenting author)

07. The new genetic narrative of the Kurgan hypothesis: some problems Professor Demoule, Jean-Paul - Université de Paris I Sorbonne (Presenting author)

08. Indo-European: The language of Cro-Magnon Professor Benozzo, Francesco - Università di Bologna; Professor Alinei, Mario - University of Utrecht (Presenting author)

09. Geolinguistic continuities in the Celto-Atlantic area and in Western Europe Dr Le Bris, Daniel - Université de Bretagne Occidentale (Presenting author)

10. A Geography of P-Celtic Mr Scutt, Winfrid - English Heritage (Presenting author)

11. The Lost Twin: An alternative reconstruction of Proto-Indo-European Myth Mr Grigsby, John - Bournemouth University (Presenting author)
ROMAN ARCHAEOLOGY BEYOND REGIONAL SCHOLARLY TRADITIONS. HISTORY AND PERSPECTIVES

Theme: 1. Twenty-five Years after Maastricht: Archaeology and Europe’s future
Room: 0.2
Date: Thursday, August 31
Time: 15:30 - 18:15
Organiser: Tamburrino, Eugenio (Italy) - Università Ca’ Foscari - Venezia; Richard, Julian (Belgium) - Département d’Histoire de l’Art et Archéologie - Université de Namur
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. Roman Archaeology beyond national scholarly traditions: an introduction Mr Tamburrino, Eugenio - Universita Ca’ Foscari, Venezia (Presenting author)

02. Beyond national frontiers: Towards an anthropological approach to academic communities and academic discourse in Roman archaeology Dr Gonzalez Sanchez, Sergio - University of Leicester (Presenting author)

03. Hic sunt dracones: the creation and isolation of Roman Wales. Miss Reynolds, Leah - Cardiff University (Presenting author)

04. Modern archaeology and old-fashioned ideas: consequences in the interpretation of monuments Miss Zampieri, Eleonora - University of Leicester (Presenting author)

05. Fighting against the odds: the development of Roman Military Archaeology in NW Iberia Dr. Costa-García, José M. - Universidade de Santiago de Compostela; Vrije Universiteit Amsterdam (Presenting author)

06. Roman Lighting in Portugal and Spain Ms Lima, Carolina - University of Reading (Presenting author)

NEW APPROACHES IN METAL STUDIES

Theme: 4. The ‘Third Science Revolution’ in Archaeology
Room: 0.2
Date: Thursday, August 31
Time: 8:30 - 15:15
Organiser: Wärmländer, Sebastian (Sweden) - Stockholm University; Cotsen Institute of Archaeology, UCLA, USA; Sholts, Sabrina (United States) - Department of Anthropology, National Museum of Natural History, Smithsonian Institution, Washington DC, USA; Paavel, Kristiina (Estonia) -
ABSTRACTS

01. **Larger than the individual context - on the knowledge stored in large amounts of data** Jouttijarvi, Arne - Heimdal-archaeometry (Presenting author)

02. **An interdisciplinary approach to ancient metalwork** Dr Armbruster, Barbara - Centre National de Recherche Scientifique (Presenting author)

03. **An HHpXRF exploration of the surface of Roman period copper-alloys after exposure to different cremation temperatures.** Mr Roxburgh, Marcus Adrian - Leiden University; Tartu University (Presenting author)

04. **Technical examination of small bells excavated from 10th-14th c. graves in North-East Europe** Dr. Wärmländer, Sebastian - Stockholm University; UCLA/Getty Conservation Programme, Cotsen Institute of Archaeology, UCLA (Presenting author); Dr Chugunova, Ksenia S. - Department of scientific and technical examination of works of art, State Hermitage Museum, Saint-Petersburg, Russia; Roxburgh, Marcus - Faculty of Archaeology, Leiden University, Netherlands.

05. **Metalwork wear analysis: the coming of age of a ‘new’ analytical method** Dr Dolfini, Andrea - Newcastle University (Presenting author); Dr J Crellin, Rachel - University of Leicester

06. **Use your eyes – metallographic versus superficial traces of the crafting of Bronze Age ornaments** Dr. Noergaard, Heide - Aarhus University, School of Culture and Society (Presenting author)

07. **New technological data regarding the metal objects identified in the Eneolithic sites from Southeastern Romania** PhD candidate Darie, Adelina - Bucharest Municipality Museum (Presenting author)

08. **Optoelectronic Investigations on the bronze hoards from Tartaria (Alba county, Romania)** PhD BORS, Corina - National History Museum of Romania (MNIR) (Presenting author); PhD Radvan, Roxana - National Institute for Research and Development in Optoelectronics (INOE 2000); PhD Ghervase, Luminita - National Institute for Research and Development in Optoelectronics (INOE 2000)

09. **Viking Age swords studied with neutrons** Professor Lindelof, Poul - Niels Bohr Institute; University of Copenhagen (Presenting author)

11. **Identification of copper isotope fractionation during smelting with an experimental process-oriented approach** Rose, Thomas - University Fankfurt (Presenting author); Dr.-Ing. Morgenstern, Gunter - Technische Universität Bergakademie Freiberg, Institute for Nonferrous Metallurgy and Purest Materials; Prof. Dr.-Ing. Stelter, Michael - Technische Universität Bergakademie Freiberg, Institute for Nonferrous Metallurgy and Purest Materials; Prof. Dr. Klein, Sabine - German Mining Museum Bochum, Research Department for Archaeometallurgy

12. **Traditional metal casting or computer based simulation? A pre-study on Viking Age brooches** Archaeologist Neiß, Michael - Uppsala University (Presenting author)
13. Archaeometallurgical research on Estonian Bronze Age metal objects Paavel, Kristiina - University of Tartu (Presenting author); Prof Kriiska, Aivar - University of Tartu; Prof Kirsimäe, Kalle - University of Tartu; Paiste, Päärn - University of Tartu

14. The role of metals in archaeological glass. The archaeometric studies of the metallic decoration on painted glass. Dr Miazga, Beata - University of Wroclaw (Presenting author)

15. Regional variability in iron production technologies in 7-10th centuries East Africa (current PhD. Student) Bauzyte, Ema - Aarhus University (Presenting author)

16. ‘How wonderful that we have met with a paradox, now we have some hope of making progress.’ (Niels Bohr). Dr Kuijpers, Maikel - Leiden University (Presenting author); Dr. Braekmans, Dennis - Cranfield Forensic Institute, Cranfield University

POSTERS
Capabilities, limitations and perspectives of study of archaeological items made of non-ferrous metal by means of neutron tomography Mr Kozlenko, Denis - Joint Institute for Nuclear Research; Mrs Saprykina, Irina - Institute of Archaeology Russian Academy of Sciences (Presenting author); Mrs Zelentsova, Olga - Institute of Archaeology Russian Academy of Sciences; Mr Khokhlov, Alexandr - Institute of Archaeology Russian Academy of Sciences; Mr Mimokhod, Roman - Institute of Archaeology Russian Academy of Sciences; Mr Kichanov, Sergey - Joint Institute for Nuclear Research

414 RICHES FROM DISTANT LANDS. TRANSFER AND PERCEPTION OF PRESTIGE GOODS
Theme: 6. Interpreting the archaeological record
Room: 0.3
Date: Friday, September 1
Time: 14:00 - 16:45
Organiser: Rácz, Zsófia (Hungary) - Eötvös Loránd University; Hilgner, Alexandra (Germany) - Römisch-Germanisches Zentralmuseum, Leibniz-Forschungsinstitut für Archäologie; Koncz, István (Hungary) - Eötvös Loránd University, Institute of Archaeological Sciences
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS
01. The Garnet Realm – The Use of Red Gemstones in Early Medieval Europe M.A. Hilgner, Alexandra - Römisch-Germanisches Zentralmuseum (Presenting author); Dr. habil. Quast, Dieter - Römisch-Germanisches Zentralmuseum

02. Red garnet and further exotic imports in the Merovingian Kingdoms Dr. Drauschke, Jörg - Römisch-Germanisches Zentralmuseum (Presenting author)

03. Animals in early medieval gift-exchange Prof. Dr. Hardt, Matthias - GWZ0 (Presenting author)
04. Where did the elephants come from? Ivory in context from the 6-7th century Carpathian Basin
Koncz, István - Eötvös Loránd University, Institute of Archaeological Sciences (Presenting author)

05. The People from the Black Mountains: Agency and the transfer of goods between Mesopotamia and the Indus Valley
Ms Lume Pereira, Federica - Heidelberg University (Presenting author)

06. Garnet objects as prestige goods in the Avar Period of the Carpathian Basin
Dr Rácz, Zsófia - Eötvös Loránd University, Institute of Archaeological Sciences (Presenting author)

07. Garnet provenance and supply attested by the archaeometric investigation of polychrome fine metalwork from the Avar Period Carpathian Basin
PhD Horváth, Eszter - Eötvös Loránd University Budapest Institute of Archaeological Sciences Department of Archaeometry and Archaeological Methodology (Presenting author); Bendő, Zsolt - Eötvös Loránd University Budapest Institute of Geography and Earth Sciences Department of Petrology and Geochemistry; PhD Váczi, Tamás - Eötvös Loránd University Budapest Institute of Geography and Earth Sciences Department of Mineralogy

416 UPPER PALAEOLITHIC IN THE CENTRAL EUROPE. NEW IDEAS AND PERSPECTIVES

Theme: 6. Interpreting the archaeological record
Room: 1.17
Date: Friday, September 1
Time: 8:30 - 12:45
Organiser: Wilczyński, Jarosław (Poland) - Institute of Systematics and Evolution of Animals, Polish Academy of Science, Kraków, Poland; Lengyel, György (Hungary) - Department of Archaeology and Prehistory, University of Miskolc, Hungary
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. The Early Upper Palaeolithic along the Middle Danube: An overview and new results from the Eastern Carpathian Basin
Dr. Chu, Wei - University of Cologne (Presenting author)

02. The upper Aurignacian horizons of Hohle Fels Cave (Southwestern Germany) – a functional variant of the Swabian Aurignacian?
Dr. Bataille, Guido - Eberhard Karls Universitaet Tuebingen (Presenting author); Prof. Ph.D. Conard, Nicholas J. - Eberhard Karls Universitaet Tuebingen

03. The early Gravettian of Hohle Fels Cave and the possibility of an in situ development out of the Aurignacian
Dr. Taller, Andreas - Tübingen University (Presenting author); Prof.Ph.D. Conard, Nicholas J. - Tübingen University

04. Recent research on the Upper Palaeolithic in Istria, Croatia
Dr. Jankovic, Ivor - Institute for Anthropological Research, Zagreb (Presenting author); Komšo, Darko - Archaeological Museum of Istria, Pula; Barbir, Antonela - Croatian Conservation Institute, Zagreb; Dr. C.M. Ahern, James - Department of Anthropology, University of Wyoming; Dr. Becker, Rory - Department of Anthropology and Sociology, Eastern oregon University; Dr. Weinstock, Jacobo - Faculty of Humanities, University of Southampton
05. Trenčianske Bohuslavice Gravettian site reinterpreted, Váh valley, Western Slovakia Lengyel, György - University of Miskolc (Presenting author); Nemergut, Adrián - Slovak Academy of Sciences; Žaár, Ondrej - PamArch; Wilczyński, Jarosław - Institute of Systematics and Evolution of Animals of the Polish Academy of Sciences

06. Variations and changes of the Upper Palaeolithic blade technology in the region of Bükk Mountains, Hungary Szolyák, Péter - Herman Ottó Museum (Presenting author)

07. Fuel procurement during the Upper and Late Palaeolithic in Poland Dr Moskal del-Hoyo, Magdalena - W. Szafer Institute of Botany, Polish Academy of Sciences, Lubicz 46, 31-512 Kraków, Poland; Dr Wilczynski, Jaroslaw - Institute of Systematics and Evolution of Animals, Polish Academy of Sciences; Sławkowska 17, 31-016 Kraków, Poland; MSc Stefański, Damian - Paleolithic and Mesolithic Department, Archeological Museum In Kraków, Senacka 3, 31-002 Kraków, Poland (Presenting author)

418 INTEGRATIVE BIOLOGY AND ARCHAEOLOGICAL REMAINS
Theme: 4. The ‘Third Science Revolution’ in Archaeology
Room: 0.11
Date: Friday, September 1
Time: 14:00 - 16:45
Organiser: Sholts, Sabrina (United States) - Smithsonian Institution, National Museum of Natural History; Wärmländer, Sebastian (Sweden) - Division of Biophysics, Stockholm University; Cotsen Institute of Archaeology, UCLA, USA; Rannamäe, Eve (Estonia) - Department of Archaeology, University of Tartu, Estonia
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. To render the corpse: Identifying evidence of quicklime application in human remains
Dr Sholts, Sabrina - Smithsonian Institution (Presenting author); Dr Dudar, Chris - Smithsonian Institution; Ms Wallin, Cecilia - Stockholm University; Dr Billeck, Bill - Smithsonian Institution; Dr Wärmländer, Sebastian - Stockholm University

02. A bullet in the spine: healed gunshot wound from Medieval and Early Modern St Jacob`s churchyard in Tartu, Estonia
Malve, Martin - Institute of History and Archaeology, Department of Archaeology, University of Tartu, Tartu, Estonia (Presenting author); Wärmländer, Sebastian K. T. S. - Division of Biophysics, Stockholm University, Stockholm, Sweden; Sholts, Sabrina - Smithsonian National Museum of Natural History, Washington, United States of America; Saage, Ragnar - Institute of History and Archaeology, Department of Archaeology, University of Tartu, Tartu, Estonia

03. Sexual dimorphism in frontal bone roundness quantified by a novel 3D-based and landmark-free method
Dr. Wärmländer, Sebastian - Stockholm University (Presenting author); Dr Bulut, Özgur - Department of Anthropology, Hitit University, Çorum, Turkey; Dr Petaros, Anja - Department of Forensic Medicine and Criminalistics, Rijeka University, Croatia
04. Craniofacial features and dental non-metric traits in Northern Selkups from Kikki-Akki burial ground (Western Siberia XVII-XIX centuries a.d.) Dr Zubova, Alisa - Peter the Great Museum of Anthropology and Ethnography (Kunstkamera), Russian Academy of Sciences; Institute of archaeology and ethnography SB RAS (Presenting author); Poshekhonova, Olga - Institute of the problems of Northern development SB RAS

05. Archaeozoological analysis on the track of environmental changes of early medieval fortification at Pohansko Mgr. Dreslerová, Gabriela - Masaryk University (Presenting author)

06. Old dogs and new tricks: when zooarchaeology joins palaeogenetics to shed light on man's best friend early history in Europe. TRESSET, Anne - UMR 7209, Archéozoologie, Archéobotanique, Sociétés, Pratiques, Environnements MNHN-CNRS-SUs, 55 rue Buffon 75005 Paris, France (Presenting author); Ollivier, Morgane - CNRS / ENS de Lyon, French National Platform of Paleogenetics, PALGENE, Ecole Normale Supérieure de Lyon, 46 allée d'Italie, 69364 Lyon Cedex 07, France; Bréhard, Stéphanie - UMR 7209, Archéozoologie, Archéobotanique, Sociétés, Pratiques, Environnements MNHN-CNRS-SUs, 55 rue Buffon 75005 Paris, France; Balasescu, Adrian - Muzeul Naţional de Istorie a României, Calea Victoriei nr.12 Sector 3, 030026 Bucureşti, România; Hitte, Christophe - IGDR, CNRS-UMR6290, University Rennes1, Rennes, France; Vigne, Jean-Denis - UMR 7209, Archéozoologie, Archéobotanique, Sociétés, Pratiques, Environnements MNHN-CNRS-SUs, 55 rue Buffon 75005 Paris, France

07. The archaeogenetics of Estonian sheep – what do we know so far? Rannamäe, Eve - BioArch, Department of Archaeology, University of York, United Kingdom (Presenting author); Pereira, Filipe - Interdisciplinary Centre of Marine and Environmental Research (CIIMAR), University of Porto, Portugal; Teasdale, Matthew - Smurfit Institute of Genetics, Trinity College Dublin, Ireland; Speller, Camilla - BioArch, Department of Archaeology, University of York, United Kingdom

08. The Chicken Colonisation of Europe: Dispersal routes, patterns of admixture and human selection based on ancient and modern genetics Dr Lebrasseur, Ophélie - Palaeo-BARN, Research Lab for Archaeology, University of Oxford; Department of Archaeology, University of Nottingham (Presenting author); Dr Frantz, Laurent - School of Biological and Chemical Sciences, Queen Mary University of London; Palaeo-BARN, Research Lab for Archaeology, University of Oxford; Prof Larson, Greger - Palaeo-BARN, Research Lab for Archaeology, University of Oxford

11. Dietary patterns of the last hunters and first farmers in the SE Baltic, 4500-1500 cal BC Dr Piličiauskas, Gytis - Lithuanian Institute of History (Presenting author); PhD student Skipitytė, Raminta - Institute of Ecology, Nature Research Centre; Mass Spectrometry Laboratory, National Centre of Physical and Technological Sciences; Dr Koon, Hannah - Archaeological Sciences, University of Bradford; Dr Heron, Carl - Scientific Research, British Museum

12. Stable Isotope Analysis and dietary implications of the Neolithic Abora settlement, South-eastern Latvia Ms Legzdiņa, Dardega - University of Latvia, Institute of Latvian History (Presenting author); Dr Zariņa, Gunita - University of Latvia, Institute of Latvian History; Dr Loze, Ilze Biruta - Latvian Academy of Sciences
5000 years of dietary variations of prehistoric farmers at the Great Hungarian Plain

Dr Gamarra, Beatriz - School of Archaeology, University College Dublin, Belfield, Dublin 4, Ireland; Earth Institute, University College Dublin, Belfield, Dublin 4, Ireland; Conway Institute, University College Dublin, Belfield, Dublin 4, Ireland (Presenting author); Dr Howcroft, Rachel - School of Archaeology, University College Dublin, Belfield, Dublin 4, Ireland; Earth Institute, University College Dublin, Belfield, Dublin 4, Ireland; Conway Institute, University College Dublin, Belfield, Dublin 4, Ireland; Ms McCall, Ashley - School of Archaeology, University College Dublin, Belfield, Dublin 4, Ireland; Earth Institute, University College Dublin, Belfield, Dublin 4, Ireland; Conway Institute, University College Dublin, Belfield, Dublin 4, Ireland; Dr Dani, János - 4Déri Museum, Déri tér 1, H-4026 Debrecen, Hungary; Dr Domboróczi, László - Dobó István Castle Museum, Vár utca 1, H-3300 Eger, Hungary; Dr Pap, Ildiko - Department of Anthropology, Hungarian Natural History Museum, Ludovika tér 2-6, H-1083 Budapest, Hungary; Dr Raczky, Pál - Institute of Archaeological Sciences, Faculty of Humanities, Eötvös Loránd University, Múzeumkörút 4/b, H-1088 Budapest, Hungary; Anders, Alexandra - Institute of Archaeological Sciences, Faculty of Humanities, Eötvös Loránd University, Múzeumkörút 4/b, H-1088 Budapest, Hungary; Dr Hadju, Tamás - Department of Anthropology, Hungarian Natural History Museum, Ludovika tér 2-6, H-1083 Budapest, Hungary; Department of Biological Anthropology, Institute of Biology, Eötvös Loránd University, H-1117 Budapest, Hungary; Prof Pinhasi, Ron - School of Archaeology, University College Dublin, Belfield, Dublin 4, Ireland; Earth Institute, University College Dublin, Belfield, Dublin 4, Ireland; Conway Institute, University College Dublin, Belfield, Dublin 4, Ireland; Department of Anthropology, University of Vienna, Althanstrasse 14, 1090 Vienna, Austria
419 EXPERIMENTAL HERITAGE. WORKING TOGETHER WITH TIME, ART AND HERITAGE IN THE LOCAL COMMUNITY

Theme: 3. Trans- and Metadisciplinary Approaches in Archaeology
Room: 0.2
Date: Friday, September 1
Time: 8:30 - 12:45
Organiser: Petersson, Bodil (Sweden) - Linnaeus University, Sweden; Mac Domhnaill, Brian (Ireland) - Cork Artists Collective, Cork, Ireland; Kvamme, Helle (Sweden) - Yellowbox, Sättra, Sweden; Cultural Think Tank Öland (Sweden)
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. **Introduction to Experimental Heritage – A new collaborative method for artists, archaeologists and heritage workers** Associate Professor Petersson, Bodil - Linnaeus University (Presenting author)

02. **Archaeological Process and Art Practice: A Synthesis** Archaeological Process and Art Practice: A Synthesis Domhnaill, Brian - Cork Artists Collective (Presenting author)

03. **TRANSITION ZONE | between Heritage, Art and the Local Community** Dr. Clevis, Krien - TRANSITION ZONE (curator); www.overgangszone.nl; MA Schulze, Renan - TRANSITION ZONE (participant); re-collective; MFA Kersten, Eline - TRANSITION ZONE (participant); re-collective (Presenting author)

04. **At the Interstices** Researcher Jansson, Cecilia - Linnaeus University (Presenting author)

05. **Between two forts - Art performance** Mrs Kvamme, Helle - yellowbox arts (Presenting author)

06. **Sketching a Sound Mound for Sandby Borg.** Gill, Frances - Stuck in the Wood AB (Presenting author)

07. **Greetings from one refuge camp to another or to paint with wide brushes** Artist Päivärinta, Johanna - Experimental Heritage; Sisters of Sättra (Presenting author)

08. **Crossing boarders through experimental archaeo-artistic sketching inbetween fragment and entirety** PhD LJUNGR-CHAPELON, Magali - Lund University; Linnaeus University (Presenting author)

09. **Turning to others: Archaeology beyond traditional modes of representation** Ms Evangelou, Dora - Ephorate of Antiquities of West Attika, Piraeus and Islands- Greek Ministry of Culture and Sports (Presenting author)

10. **The Representation of the Archaeological in Art: the Case of Latvia.** Mag.hist. Broka-Lace, Zenta - Institute of Latvian History, University of Latvia; Ģederts Eliass Jelgava History and Art Museum, Latvia; Faculty of History and Philosophy, University of Latvia (Presenting author)

11. **In dialogue with a spring, artistically express its uniquiness from prehistoric times and the past to the present and future.** Art and craft teatcher/artist Andersson, Anita - Linneus University (Presenting author)

12. **Creating room for play and learning while reaching out to a younger audience at cultural heritages** Interaction Designer Salo, Johan - Do-Fi (Presenting author)
13. Community Management in the UNESCO World Heritage Prehistoric Pile Dwellings around the Alps in Austria Magistra Loew, Carmen - Kuratorium Pfahlbauten; Magister Artium Dworsky, Cyril - Kuratorium Pfahlbauten (Presenting author)

420 TELLING WORLD HERITAGE STORIES. COMMUNICATING ARCHAEOLOGY TO LOCAL COMMUNITIES AND TOURISTS AT EUROPEAN WORLD HERITAGE SITES

Theme: 3. Trans- and Metadisciplinary Approaches in Archaeology
Room: 0.6
Date: Friday, September 1
Time: 14:00 - 16:45
Organiser: Acheson, Coralie (United Kingdom) - University of Birmingham; Castillo Mena, Alicia (Spain) - Universidad Complutense de Madrid; Löw, Carmen (Austria) - Kuratorium Pfahlbauten - UNESCO World Heritage “Prehistoric Pile Dwellings around the Alps” in Austria
Format: Session with pre-circulated papers

ABSTRACTS

01. TOURISM 3.0 AND ARCHAEOLOGY Corpas, Nekbet - universidad complutense de madrid (Presenting author); Castillo, Alicia - Universidad Complutense de Madrid

02. The Birthplace of Industry: Telling World Heritage Stories in the Ironbridge Gorge Raine, Joe - Ironbridge International Institute for Cultural Heritage (Presenting author); Acheson, Coralie - Ironbridge International Institute for Cultural Heritage

03. Tourist Experience of Ephesus: A Multi-Layered Cultural Landscape or an Ancient Roman City? Assist. Prof. Dr. Akture, Zeynep - Izmir Institute of Technology (Presenting author)

04. Brú na Bóinne, Co. Meath, Ireland: Problems, Potential and Progress in the presentation of the Bend in the Boyne WHS Dr Davis, Stephen - University College Dublin (Presenting author); Dr Ní Lionán, Clíodhna - Devenish

05. Touristic Use of the UNESCO World Heritage “Prehistoric Pile Dwellings around the Alps” in Austria Magister Dworsky, Cyril - Kuratorium Pfahlbauten; Magistra Loew, Carmen - Kuratorium Pfahlbauten (Presenting author)

06. Nothing but flowers? Engaging with the archaeology of the Colonies of Benevolencete through non-destructive geophysical surveys Coolen, Joris - Zentrum für baltische und skandinavische Archäologie, Schleswig (Presenting author)

07. What can we do for the tourist? Engagement of local communities in archaeological tourism schemes. An example for World Heritage. Ms. Dunning, Ellinor - ArchaeoConcept; Dr. Dunning Thierstein, Cynthia - ArchaeoConcept (Presenting author)
SCULPTURED STONES AS TRANSGRESSIVE OBJECTS. CARVING LIMINALITY IN EARLY MEDIEVAL NORTH-WESTERN EUROPE

Theme: 5. Comparing Archaeology Across Regions and Periods
Room: 0.6
Date: Saturday, September 2
Time: 14:00 - 16:45
Organiser: Busset, Anouk (Switzerland) - Université de Lausanne; University of Glasgow; Maldonado, Adrián (United Kingdom) - University of Glasgow
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. Crossing a landscape: medieval crosses as a means of movement Mr Johnson, Andrew - Manx National Heritage (Presenting author)

02. Early Christian landscapes in motion: the transformative essence of carved stones Busset, Anouk - University of Glasgow / Université de Lausanne (Presenting author)

03. ‘Liminality and transgression on two Insular carved stone monuments – the Golspie symbol-bearing cross-slab and the Downpatrick High Cross’ Mr King, Michael - Down County Museum (Presenting author)

04. Carving and Imagining Sacred Space in Early Medieval Insular Sculpture Dr Stoner, Heidi - University of York (Presenting author)

05. Engraving as Epitaph? Communing with the Dead at the Sculptor’s Cave, NE Scotland Doctor/Phd Buster, Lindsey - University of Bradford (Presenting author); Professor Armit, Ian - University of Bradford

06. When is a stone not a stone? Early Christian cross-marked stones as substantial transformation in northern Britain Dr Maldonado, Adrian - University of Glasgow (Presenting author)
HOLOCAUST ARCHAEOLOGIES. TRANSDISCIPLINARY APPROACHES, ETHICAL ISSUES AND USES OF THE PAST

Theme: 3. Trans- and Metadisciplinary Approaches in Archaeology
Room: 0.5
Date: Thursday, August 31
Time: 14:00 - 18:15
Organiser: Sturdy Colls, Caroline (United Kingdom) - Staffordshire University; Van der Laarse, Rob (Netherlands) - University of Amsterdam
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. Escape from Ponar (Paneriai) - Archaeology, Geophysics and Testimony Dr. Seligman, Jon - Israel Antiquities Authority (Presenting author); Prof. Freund, Richard - University of Hartford; Prof. Jol, Harry - University of Wisconsin-Eau Claire; Prof. Reeder, Philip - Duquesne University; Mr. Bauman, Paul - Advisian; Dr. McClymont, Alastair - Worley Parsons Canada

02. On the Eve of the Roma Holocaust: „Zigeunerlager“ in Lety (Czech Republic) Dr Plzak, Jindrich - University of West Bohemia (Presenting author); Dr Varekova, Zdenka - University of West Bohemia; Ass. Prof. Vareka, Pavel - University of West Bohemia (Presenting author); Dr Krivanek, Roman - Institute of Archaeology, Czech Academy of Sciences (Presenting author)

03. Predicting our Violent Past. Materiality of Holocausts, Genocides and Mass-Oppressions in Europe. Prof. Dr Jasinski, Marek E. - NTNU Norwegian University of Science and Technology, Department of Historical Studies (Presenting author)

04. Last Witnesses: Archaeological finds from the Nazi Euthanasia Institution of Hartheim as objects of research, exhibition and education Mag. Schwanninger, Florian - Lern- und Gedenkort Schloss Hartheim (Presenting author)

05. Beyond Archaeology. Finding name tags at the extermination camp of Sobibor: what to do? Drs Schute, Ivar - RAAP Consultancy (Presenting author)

06. Pictures don’t lie? Dead bodies and the politics of Holocaust representation Professor Dr Van Der Laarse, Robert - University of Amsterdam (Presenting author)

07. Disturbing archaeologies. A theor(eth)ical approach? Dr Nicolis, Franco - Ufficio beni archeologici - Autonomous Province of Trento (Presenting author)

08. Holocaust Museums and Archaeological Evidence: Opportunities and Challenges Dr. Ehrenreich, Robert - United States Holocaust Memorial Museum (Presenting author)

09. Archeological Challenges regarding the Battle of Holocaust and Communist Memories in Croatia: Jasenovac and Bleiburg Contested War Heritage Dr. Bencic, Andriana - UvA (Universitat van Amsterdam); Jasenovac Memorial Site researcher and curator (Presenting author)

10. “Curating the Holocaust”: Finding Treblinka, a Transdisciplinary Exhibition at the Wiener Library, London, UK Mr Branthwaite, Michael - Staffordshire Univeristy (Presenting author); Doctor/Phd Sturdy Colls, Caroline - (Presenting author)
11. Competing memories: remembering and forgetting the Holocaust in Rome Mrs Bartolini, Flaminia - University of Cambridge (Presenting author)

WHERE NEXT? CAREER PATHWAYS AND OPPORTUNITIES FOR EARLY CAREER ARCHAEOLOGISTS ACROSS EUROPE AND BEYOND

Theme: 1. Twenty-five Years after Maastricht: Archaeology and Europe’s future
Room: 1.13/14
Date: Friday, September 1
Time: 8:30 - 12:45
Organiser: Orton, David (United Kingdom) - University of York; Frieman, Catherine (Australia) - Australian National University; Collins, Matthew (Denmark) - University of Copenhagen; University of York
Format: Round table

ABSTRACTS

01. EU-wide opportunities for Early Career Researchers Dr Collins, Matthew - University of York; Copenhagen University (Presenting author)

02. Becoming an archaeologist in the Low Countries Dr. Cakirlar, Canan - Groningen University (Presenting author)

03. Sweden Dr Klevnäs, Alison - Stockholm University (Presenting author)

04. United Kingdom Dr Albarella, Umberto - University of Sheffield (Presenting author)

05. Spain and Portugal. Challenges and opportunities of building an archaeological career abroad. Dr. Martin-Seijo, Maria - Grupo de Estudos para a Prehistoria do NW Ibérico-Arqueoloxía, Antigüidade e Territorio (GEPN-AAT). Dep. Historia. Universidade de Santiago de Compostela (Presenting author)

06. Early Career Researcher Pathways in Germany Professor Makarewicz, Cheryl - Christian Albrechts University, Kiel (Presenting author); Dr. Anvari, Jana - Flinders University (Presenting author)

07. Life after a PhD in archaeology. What next? PhDr., Ph.D. Maria, Taloni - University of Rome \ (Presenting author)

08. ITALY: a perspective on archaeology outside the university system Dott.ssa De Davide, Claudia - Akhet srl (Presenting author)

09. Archaeology in the US Dr Biehl, Peter - University at Buffalo, SUNY (Presenting author)

10. Doing archaeology Down Under Dr. Frieman, Catherine - Australian National University (Presenting author)
430 PREDICTING SOIL DISTURBANCES. KNOWLEDGE FOR INFORMED CHOICES IN ARCHAEOLOGICAL HERITAGE MANAGEMENT

Theme: 6. Interpreting the archaeological record
Room: 0.3
Date: Saturday, September 2
Time: 14:00 - 16:45
Organiser: Lascaris, Michel (Netherlands) - Cultural Heritage Agency of the Netherlands; Meylemans, Erwin (Belgium) - Vlaamse Overheid Agentschap Onroerend Erfgoed, Belgium
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. Predicting soil disturbances in the Netherlands Mr Lascaris, Michel - Cultural Heritage Agency the Netherlands (Presenting author)

02. The mapping of ‘areas where no archaeological heritage is expected’ in Flanders (Belgium) Mr Meylemans, Erwin - Flemish heritage (Presenting author)

03. The intactness of the soil in the municipality of Veendam (province of Groningen) Drs. Breimer, Jan - A=M (Presenting author)

04. Disturbances and archaeological relevance of a site: it all boils down to information value Smit, Bjørn - Cultural Heritage Agency of the Netherlands (Presenting author)

05. Predictive modelling of soil disturbances: regional source data for model input and validation PhD. Willems, Nico - RAAP (Presenting author); Ing. Keunen, Luuk - RAAP; MA Van der Veen, Steven - RAAP; Ir. Boshoven, Evert - RAAP; Drs. Veenstra, Haaije - RAAP
GIS AND GEOMATIC APPROACHES TO HISTORICAL LANDSCAPE ARCHAEOLOGY. COMPARISONS FROM ONE SIDE TO THE OTHER OF EUROPE AND BEYOND

Theme: 5. Comparing Archaeology Across Regions and Periods
Room: 2.14
Date: Thursday, August 31
Time: 14:00 - 16:45
Organiser: Turchetto, Jacopo (Italy) - University of Padova; Chevassu, Valentin (France) - Université de Bourgogne-Franche-Comté

Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

01. Reconstructing, experiencing, and mapping a multi-sensory virtual reality environment for the Roman town of Calleva Atrebatum (Silchester, Hampshire, United Kingdom) Dr. Krus, Anthony - University of Glasgow (Presenting author); Dr. Ewart, Ian - University of Reading; Dr. Platts, Hannah - Royal Holloway, University of London; McLean, Kate - Canterbury Christ Church University; Royal College of Art

02. Historic images as spatiotemporal archives: Historical 3D data as a form of archaeological source criticism? Dr. Sevara, Christopher - University of Vienna (Presenting author); Dr. Doneus, Michael - University of Vienna; LBI ArchPro; Dr. Draganits, Erich - University of Vienna; LBI ArchPro; Dr. Verhoeven, Geert - LBI ArchPro

03. The role of GIS technique to detect Etruscan frontiers: the case study of Populonia and Volterra territories Dott. Di Paola, Giorgia - University of Foggia (Presenting author)

04. Geographic Information System, an indispensable tool to reconstruct the forest’s evolution of Euganean Hills Doctor/Phd Paradis-Grenouillet, Sandrine - University of Padova (Presenting author); Prof Brogiolo, Gian Pietro - University of Padova; Professor Chavarria, Alexandra - University of Padova; Phd student Giacomelo, Federico - University of Padova

05. Landscape transformation and settlement abandonment in the Late Middle Ages: Comparison of GIS approaches in Central Europe and England Mgr., Ph.D. Holata, Lukáš - Department of Archaeology, University of Exeter (Presenting author)

06. Exploring the desertum with GIS – A landscape study of the monastic site of Annegray (Haute-Saone, France). Dr Marron, Emmet - Newcastle University (Presenting author)

07. Reconstruction of historical routes in the Veluwe Vletter, Willem - University of Vienna; University of Groningen (Presenting author)

08. WHERE SHOULD I GO? GENETIC ALGORITHMS AND THE ROUTES OF ROMAN-BYZANTINE CAPPA-DOCIA (CENTRAL ANATOLIA) Dr Turchetto, Jacopo - University of Padova (Presenting author); Mr Titti, Giacomo - University of Padova
ABSTRACTS

01. The archaeological survey in different landscape: some examples of surveys conducted in Italy Prof. Mosca, Annapaola - University of Rome (Presenting author)

04. Land value from cadastral maps as a qualifying approach to landscape archaeology Mrs. Borake, Trine - University of Aarhus (Presenting author)

07. Shedding light on Dun Deardail, Lochaber: investigating a vetrified hillfort in highland Scotland Dr. McLaren, Dawn - AOC Archaeology (Presenting author); Mr. Cook, Martin - AOC Archaeology group; Dr. Heald, Andy - AOC Archaeology

08. What traces xylophagous insects leave into the archaeological wood? analysis and interpretations of roman wooden from Rezé's dock. PhD student Toriti, Magali - University of Maine (France) (Presenting author); Prof. Durand, Aline - University of Maine (France); Mr. Forher, Fabien - CICRP

10. Human Seascapes and Ritual Action: Modeling the maritime mobilities of the Great Gods of Samothrace Dr. Blakely, Sandra - Emory University (Presenting author)


14. Biosphere mapping - the next step. Prof. Evans, Jane - British Geological Survey (Presenting author); Ms. Chenery, Carolyn - British Geological Survey; Mr. Cartwright, Clive - British Geological Survey; Dr. Mee, Katy - British Geological Survey; Dr. Royse, Kate - British Geological Survey; Mrs. Lee, Katy - British Geological Survey

15. The binding role of Archaeology in Comparative Mythology PhD. Güven, Evrim - (Presenting author)

16. Contribution of Geographic Information System in definition of human activity areas in Middle Palaeolithic. Examples of Caours and Beauvais (France). Moreau, Gwénaëlle - Université de Liège (Presenting author); Locht, Jean-Luc - Laboratoire de géographie physique (LGP, France); Institut national de recherches en archéologie préventive, (Inrap, France); Patou-Mathis, Marylène - Histoire Naturelle de l'Homme Préhistorique (HNHP), CNRS : UMR 7194; Auguste, Patrick - Evolution-Écologie-Paléontologie (EEP), Université des sciences et technologies de Lille 1, CNRS : UMR 8198

17. From the Rollrights to Stonehenge a measure wakefield, james - retired (Presenting author)
| 18. | Hominin mobility and the evolution of general cognition | Dr Bouissac, Paul - University of Toronto (Presenting author) |
| 22. | Management of Cultural World Heritage sites in National Parks. The case of the Mayan City of Palenque, Mexico. | Mr. Vargas, Amilcar - University of Barcelona (Presenting author) |
| 23. | What does marginality really mean in research agenda? Post-Chalcolithic Çatalhöyük and its relevance for marginality understanding | PhD. Student Hordecki, Jedrzej - Adam Mickiewicz University in Poznań, Poland (Presenting author) |
| 24. | The Settlement History of Ober-Roden from the Early to the High Medieval Period Specifically Considering the Early Carolingian Convent Rothaha | MA, HDip, BA Diesch, Aika Katharina - University of Bamberg, Germany (Presenting author) |
| 25. | Archaeobotanical perspectives on agricultural production in western Iberia from the 8th to the 13th centuries | Tereso, João - CIBIO - Research Center in Biodiversity and Genetic Resources (Univ. of Porto)/Portugal; UNIARQ - Centro de Arqueologia da Universidade de Lisboa (Presenting author); Seabra, Luís - CIBIO - Research Center in Biodiversity and Genetic Resources (Univ. of Porto)/Portugal; Jesus, Ana - CIBIO - Research Center in Biodiversity and Genetic Resources (Univ. of Porto)/Portugal; Tente, Catarina - Instituto de Estudos Medievais - IEM; Fabião, Carlos - UNIARQ - Centro de Arqueologia da Universidade de Lisboa; Gonçalves, Alexandre - Museu Arqueológico de São Miguel de Odrinhas – Departamento de Cultura e Desporto da Câmara Municipal de Sintra |
| 26. | Walk and talk and chalk Ludovic McLellan Mann | Dr. Brophy, Kenneth - University of Glasgow (Presenting author) |
| 27. | Material markers of community in burials in South West Norway in the Iron Age | Arentz Ostmo, Mari - Museum of Cultural History University of Oslo (Presenting author) |
| 28. | Uncovering the secrets of the Past Communities | Dr. and Consulting Professor Pyrgaki, Marie - Paris I, Pantheon-Sorbonne; Hellenic Open University (Presenting author) |
| 29. | The Danish metal detector finds recording scheme DIME (Digital metal detector finds) | Dr. Dobat, Andres - Department of Archaeology, Aarhus University (Presenting author) |
| 30. | A Unique Cave Village turned Medieval Village | Mr. Bhansali, Ketan - Shrimad Rajchandra Prakrit Nidhi (Presenting author) |
| 31. | Atlantic Rock Art under the lens of digital technologies | Valdez-Tullett, Joana - University of Southampton; Historic Environment Scotland (Presenting author) |
| 32. | Possibilities of using archaeological finds in experimental work on the example of spindle whorls from Ruda site 3-6, Grudziądz district. | Przymorska-Sztuczka, Magdalena - Institute of Archaeology Nicolaus Copernicus University in Torun (Presenting author) |
| 33. | PHOCEAN COLONIAL CHORA LANDSCAPE IN THE IBERIAN PENINSULA: EMPÚRIES-PONTÓS | Professor Saura, Magda - Technical University of Catalonia (Presenting author) |
| 34. | The Long Road to Domination | Dr NARLOCH, KRZYSZTOF - University of Warsaw (Presenting author) |
| 35. | The final development of the Mycenaen palace at Pylos | MA Zeman, Piotr - Adam Mickiewicz University in Poznan (Presenting author) |
36. **The archaeological survey in different landscapes: some examples of surveys conducted in Italy**. Prof. Mosca, Annapaola - University of Rome (Presenting author)

37. **Cattle pastoralism in Holocene north Africa: pottery isotopes as ecological indicators**
   Dr Dunne, Julie - University of Bristol (Presenting author); Professor di Lernia, Savino - Sapienza, Università di Roma; Dr Chlodnicki, Marek - The Archaeological Museum in Poznan; Professor Evershed, Richard - University of Bristol

38. **Integrating Data for a Holistic Landscape Approach to Chalcolithic Cyprus: Issues, Methods and Reflection on Results**
   Dr. Charalambos, Paraskeva - Postdoctoral Researcher, Department of History and Archaeology, University of Cyprus (Presenting author)

39. **Archaeological Survey at Monte Bonifato, Sicily**
   Dr. Balco, William - University of North Georgia (Presenting author)

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**PART 2**

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**ABSTRACTS**

01. **The archaeological survey in different landscapes: some examples of surveys conducted in Italy**
    Prof. Mosca, Annapaola - University of Rome (Presenting author)

04. **Land value from cadastral maps as a qualifying approach to landscape archaeology**
    Mrs. Borake, Trine - University of Aarhus (Presenting author)

07. **Shedding light on Dun Deardail, Lochaber: investigating a vitrified hillfort in highland Scotland**
    Dr mclaren, dawn - aoc archaeology (Presenting author); Mr cook, martin - aoc archaeology group; Dr heald, andy - aoc archaeology

08. **What traces xylophagous insects leave into the archaeological wood? analysis and interpretations of roman wooden from Rezé's dock.**
    PhD student Toriti, Magali - University of Maine (France) (Presenting author); Prof Durand, Aline - University of Maine (France); Mr Forher, Fabien - CICRP

10. **Human Seascapes and Ritual Action: Modeling the maritime mobilities of the Great Gods of Samothrace**
    Dr Blakely, Sandra - Emory University (Presenting author)

    Assistant Curator of Visual Resources/ Rights and Reproductions Ray, Ashley - Washington University in Saint Louis (Presenting author)

14. **Biosphere mapping - the next step.**
    Prof Evans, Jane - British Geological Survey (Presenting author); Ms Chenery, Carolyn - British Geological Survey; Mr Cartwright, Clive - British Geological Survey; Dr Mee, Katy - British Geological Survey; Dr Royse, Kate - British Geological Survey; Mrs Lee, Katy - British Geological Survey
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39. Archaeological Survey at Monte Bonifato, Sicily Dr. Balco, William - University of North Georgia (Presenting author)

POSTERS

Decoration types of medieval sheaths from Elbląg (voivodeship: warmińsko-mazurskie, Poland) Master of Arts Kulesz, Aleksandra - Nicolaus Copernicus University in Torun (Presenting author)

A Singing Bone from medieval Turku, Finland - Swedish or German import, Baltic influence or variation on a Finnish theme? Doctorandus (Drs.) Tamboer, Annemies - independent researcher (Presenting author); FT Rainio, Riitta - University of Helsinki

Nutritional potential of Lateglacial landscapes – Preliminary results on a quantitative reconstruction of Lateglacial vegetation based on high-resolution pollen diagrams Krüger, Sascha - Zentrum für Baltische und Skandinavische Archäologie (ZBSA) (Presenting author)

Working Towards Inclusion: Disability, Archaeology, and the Plight of Disabled Archaeologists Ms Pageau, Hanna - University at Albany (Presenting author)

Imprint of Action: The Sociocultural Impact of Public Activities in Archaeology PhD student Boom, Krijn - Leiden University (Presenting author)

Archaeological Investigations at an 18th-century Dutch Fur Traders House on Burlington Island, New Jersey M.A Bello, Charles - Federal Emergency Management Agency (Presenting author); Prof Viet, Richard - Monmouth University; Prof Dillian, Carolyn - Coastal Carolina University; Prof McHugh, Sean - Monmouth University
Unique spur from the Wielbark culture cemetery in Male Czyste (Chelmno land, Poland) PhD student Pronobis, Maria - Institute of Archaeology Nicolaus Copernicus University (Presenting author); Dr Bokiniec, Ewa - Institute of Archaeology Nicolaus Copernicus University

Back to Ezinge – The habitation history of a terp settlement Dr. Nieuwhof, Annet - University of Groningen (Presenting author)

A palaeodemographic study of three multiple burials from Stans, Switzerland Somers, Joke - University of Bern (Presenting author); Dr. Fetz, Hermann - Office for Public Records and Archaeology Nidwalden; Dr. Lösch, Sandra - University of Bern

Statistical analysis of chemical components among pottery samples from a Middle Bronze Age site in Caltagirone (Sicily, Italy) Tanasi, Davide - University of South Florida; Tykot, Robert H. - University of South Florida; Caso, Gianpiero - University of South Florida (Presenting author)

THE SIX PILLARS OF SUSTAINABLE HERITAGE

Theme: 2. The Valletta Convention: the next 25 years
Room: 1.18
Date: Friday, September 1
Time: 8:30 - 12:45
Organiser: Dietske Bedeaux (Netherlands) - Arcadis
Co-Organiser: Ineke de Jongh (The Netherlands), Eline Amsing (The Netherlands) and Tom Davies (United Kingdom)
Format: Discussion session: session with 5 speakers and discussion, with client meeting at Arcadis office Maastricht and site visit Noorderbrug project

Cultural heritage is a catalyst for sustainable development and contributes to the quality of life. Arcadis has introduced the 'Six Pillars of Sustainable Heritage' model as a vehicle for greater inter-disciplinary work, and to stimulate contributions to sustainable development goals. The aim is to take an integrated approach to the valuation of heritage assets, including archaeology, historic buildings, historic landscapes, non-tangible heritage etc. In addition, the aim is involve heritage as integral part of the planning process, working in close cooperation with design, permitting, ecology, explosives, and cabling, but also with various stakeholders such as the constructor, local associations, and the authorities.

Large infrastructural, water, environment and building projects that include planning, design, and construction works, demand an integral approach to heritage management on two levels: inter-disciplinary within the heritage sector, and multi-disciplinary with other aspects and stakeholders in the project. During this session, the integral approach to heritage management will be discussed by means of the case study project of the Noorderburg in Maastricht. The session consists of five presentations on the following topics:
1. Six Pillars of Sustainable Heritage: an introduction
2. Monumental buildings: integrating a casemate in the design of a new bridge
3. Archaeology in a large infrastructural project: fortifications in the Noorderbrug project
4. Environment and archaeology: development of a historical, ecological, and touristic park
5. Stakeholder management and sustainable heritage

444 THE ARCHAEOLOGY OF DEATH
Theme: 6. Interpreting the archaeological record
Room: 2.7
Date: Saturday, September 2
Time: 8:30 - 12:45
Organiser: van Rooijen, Cees (Netherlands) Cultural Heritage Agency,
Format: Session, made up of a combination of papers, max. 15 minutes each

ABSTRACTS

03. ARCHAEOLOGISTS in Biała Rawiska (Poland) Archaeological Research; Crypts; Helpful methods of Analysis; Examples of Objects
Majorek, Magdalena - Nicolaus Copernicus University in Torun; Ginter, Artur - University of Lodz (Presenting author)

05. Archaeological textiles from Płonkowo (Poland) in archaeometric studies.
Ass. Prof Grupa, Malgorzata - Institute of Archaeology, Nicolaus Copernicus University in Torun, (Presenting author);
Dr. Eng. Miazga, Beata - Institute of Archaeology, University of Wroclaw

06. A pipeline through Flanders Fields
Mr De Decker, Sam - Vlaamse Overheid, Agentschap Onroerend Erfgoed (Presenting author)

08. A challenge within a challenging context: interpreting gender identities in the burial record
MA Venderbos, Ilona - Vrije Universiteit Amsterdam; CLUE + (Presenting author)

09. Strontium Analyses of Human Bones from the Southern Suburb of the Early Medieval Stronghold Breclav–Pohansko (Czech Republic)
Mgr., Ph.D. Prichystalová, Renáta - Masaryk University (Presenting author); Mgr., Ph.D. Kalová, Katerina - Masaryk University; Mgr., PhD. Boberová, Katerina - Masaryk University

10. Joined up access to European finds databases
Professor Richards, Julian - University of York (Presenting author)

11. Evident and hidden social inequalities in the Bronze Age Italy. A bioarchaeological approach
Dr. Cavazzuti, Claudio - Durham University (Presenting author)

12. Luxurious and poor grave chasubles of priests buried in the crypt of The Holy Virgin Mary’s church in Szczuczyn, Poland.
PhD student Grupa, Dawid - Institute of Archaeology, Nicolaus Copernicus University in Torun (Presenting author)
15. The little scalped warrior from burial of Saryg-Bulun (VI-Vth centuries B.C.): unsolved problems and possible approaches to study (current PhD. Student) Busova, Varvara - Institute for The History of Material Culture (Presenting author)

16. Early Eneolithic Mortuary Practices from Alba Iulia-Lumea Nouă (Transylvania, Romania). Commingled or Collective Burials? Dr. Gligor, Mihai - 1 Decembrie 1918 University of Alba Iulia (Presenting author); MSc Lundberg, Christina - Independent researcher

17. Urnfield graves as meaningful composite artefacts Louwen, Arjan - Leiden University (Presenting author)

18. Evident and hidden social inequalities in the Bronze Age Italy. A bioarchaeological approach Dr. Cavazzuti, Claudio - Durham University (Presenting author)

19. Extraordinary find of the double, warrior grave from Przeworsk Culture burial site, in Pakoszówka, voiv. Podkarpackie, Poland. M.A. Bulas, Jan - Jagiellonian University (Presenting author); Dr Kotowicz, Piotr - Historical Museum in Sanok

20. Early Eneolithic Mortuary Practices from Alba Iulia-Lumea Nouă (Transylvania, Romania). Commingled or Collective Burials? Dr. Gligor, Mihai - 1 Decembrie 1918 University of Alba Iulia (Presenting author); MSc Lundberg, Christina - Independent researcher

21. The little scalped warrior from the burial of Saryg-Bulun (6th-5th century B.C.): Unsolved problems and possible approaches to study (current PhD. Student) Busova, Varvara - Institute for The History of Material Culture (Presenting author)

POSTERS

The Prince Revisited: New Insights About Burial Practice at necropolis Kaptol-Čemernica in the Požega Valley (continental Croatia) Prof Potrebica, Hrvoje - University of Zagreb, Faculty of Humanities and Social Sciences, Department of Archaeology (Presenting author); Rakvin, Marta - University of Zagreb, Faculty of Humanities and Social Sciences, Department of Archaeology; Archaeological Museum in Zagreb

The study of the necropolis of Via XVII, Bracara Augusta, NW Iberia: a combined effort of archaeobotany, archaeology and anthropology Costa Vaz, Filipe - Research Center in Biodiversity and Genetic Resources (CIBIO) - University of Porto (Presenting author); Vilas Boas Braga, Cristina - Archaeological Unit of the University of Minho; Miguel Marado, Luís - Archaeological Unit of the University of Minho; Oliveira, Cláudia - Research Center in Biodiversity and Genetic Resources (CIBIO) - University of Porto; Tereso, João - Research Center in Biodiversity and Genetic Resources (CIBIO) - University of Porto; Fontes, Luís - Archaeological Unit of the University of Minho; Martins, Manuela - Archaeological Unit of the University of Minho

Shell ornaments in burial contexts – new approaches to assemblages from Neolithic and Early Bronze Age in Poland Dr Kurzawska, Aldona - Institute of Archaeology and Ethnology Polish Academy of Sciences; Dr Sobkowiak-Tabaka, Iwona - Institute of Archaeology and Ethnology Polish Academy of Sciences (Presenting author)

Application of habitus-field-theory for the analysis of burial practices MA Benedix, Judith - University of Vienna (Presenting author)
Patterns and heterogeneity in material culture: mortuary identities and social spaces in Nubian colonial cemeteries  Mr. Lemos, Rennan - University of Cambridge (Presenting author)  
Theoretical-Methodological Model to study Vulnerability of Death in the past from a Bioarchaeological Approach  Ph.D student Granados Vazquez, Geraldine - Escuela Nacional de Antropologia e Historia (Presenting author)  

445  MEDIEVAL BUILDINGS. CONNECTIONS AND TRADITIONS  
Theme:  5. Comparing Archaeology Across Regions and Periods  
Room:  1.13/14  
Date:  Thursday, August 31  
Time:  8:30 - 16:45  
Organiser:  Sarah Kerr - Katholieke Universiteit Leuven, Antoinette Huijbers - Independent Researcher  
Format:  Session, made up of a combination of papers, max. 15 minutes each  

ABSTRACTS  
01. Medieval Buildings: Connections across regions, types, and periods  Dr Kerr, Sarah - Katholieke Universiteit Leuven (Presenting author)  
02. Building tradition as a verb. Peasant architecture AD 900-1300 in the Northwest European Plain  Dr Huijbers, Antoinette - independent researcher (Presenting author)  
03. The agency behind building traditions – medieval and early modern urban building in southern Scandinavia  Mr Thomasson, Joakim - Lund university (Presenting author)  
04. Central Castle Towers and the Hamar Bishopric: Medieval buildings, Social connections and contexts in Scandinavia  Mr Reinfjord, Kristian - Anno Museum (Presenting author)  
05. Early Gothic in the Midi; the Benedictine Abbey of Psalmodi  Associate Professor Riorden, Elizabeth - University of Cincinnati; Associate Professor Tilman, Jeffrey - University of Cincinnati (Presenting author); Associate Professor Riorden, Elizabeth - University of Cincinnati  
06. The many faces of authority: Castles, power centres and their landscapes in the lordship of Galloway, Scotland, 12th-14th centuries.  Mr. Wyeth, William - University of Stirling & Historic Environment Scotland (Presenting author)  
07. ‘Misfit’ Castle Forms of the Irish Sea: Crossing the Northern Anglo-Welsh Bridge  Dr Swallow, Rachel - Independent Scholar (Presenting author)  
08. Across the sea – urban building culture in the southern Baltic realm  Mr Thomasson, Joakim - Lund university (Presenting author)  
09. Scottish Medieval Window Glass: European Connections  Spencer, Helen - Centre of Excellence in the Built Environment (Presenting author)  
10. The Late Medieval Gaelic Secular Buildings of Ulster: Where are they and what did they look like?  Miss Patrick, Laura - Queen's University Belfast (Presenting author)
11. Putting the cart before the horse: the changing appearance of medieval farmsteads
   Mr Berryman, Duncan - Queen's University Belfast (Presenting author)

   Ms Tomanova, Pavla - AU - Institute of Archaeology of the Academy of Sciences of the Czech Republic
   (Presenting author)

13. Connecting Culture and Architecture: The Use of Cultural Traits to Interpret Ecclesiastical Structures in Byzantine Lycia
   Ms Scardina, Audrey - University of Edinburgh (Presenting author)

14. On The Question of the Methodology of Describing Byzantine Masonry in the North Black Sea Region
   M.A., PhD.-student Oleynik, Tatiana - V. N. Karazin Kharkiv National University (Ukraine);
   Institute of Archaeology of the Russian Academy of Sciences (Presenting author)

15. The archaeological site of Los Hitos and the rural landscape of Toledo (Spain) in Late Antiquity
   (6th -8th c.) Dr Sánchez Ramos, Isabel - Institute of Advance Studies, Paris (Presenting author);
   Dr Morin de Pablos, Jorge - Audema, Madrid; Dr De la Cal, Jose Ramón - Escuela de Arquitectura,
   Universidad de Castilla-La Mancha

16. Home in the hills: the bicultural Viking Age farm-site at the Braaid, Isle of Man
   Dr Steinforth, Dirk - Independent Researcher (Presenting author)

17. Ruins of Szer - challenges raised by the partial reconstruction of a medieval monastical building complex on the Hungarian Plain
   Máté, Tamás - Ópusztaszer National Heritage Park; Szabó, Dénes - Ópusztaszer National Heritage Park (Presenting author)

18. The constant geometry: The abstract order of Late Roman and Byzantine Constantinople
   Licentiate of philosophy (lic.phil.) Brun, Richard Magito - Univ. of Lund (Presenting author)

19. EXCAVATIONS OF THE KÖNIGSBERG CASTLE IN 2016
   Khokhlov, Alexandr - Institute of Archaeology Russian Academy of Sciences (Presenting author)

20. The Hartenštejn Castle: Practical application of late medieval defense work
    Mgr. Kuchařík, Milan - Labrys o.p.s. (Presenting author)

POSTERS

Iron fasteners parts of Veliuona castle
PhD student Stankevičiūtė, Eglė - Klaipėda University (Presenting author)
The All-Inclusive $^{14}$C Dating Service for Bones

Now included FREE with $^{14}$C Dating on bone collagen
C:N, %C, %N, $\delta^{15}$N, $\delta^{13}$C (IRMS)

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Restoration and conservation of archaeological and historical objects
Conserving and restoring objects made of metal, earthenware, wood, leather and glass
X-ray research and selection proposal as well as treatment plan
XRF analyses of metal and earthenware
Digital photography and microscope images
Execution of block storages
Freeze-drying of organic material
Desalination of iron objects
Creating exact replicas