

ALPHA AND OMEGA

The emergence and disappearance
of Middle Palaeolithic lifeways

65TH CONFERENCE OF
THE HUGO OBERMAIER SOCIETY

2nd – 6th of April 2024
Weimar

HYBRID CONFERENCE

Layout: Nicolas Engeler, TLDA

Hugo Obermaier Society
for Quaternary Research and Archaeology of the Stone Age



65th Annual Meeting in Weimar

April 2nd – April 6th 2024

In cooperation with



Program Overview

Tue, April 2nd, 2024

Weimarhalle/ Seminargebäude (Congress Centrum), Unesco-Platz 1, 99423 Weimar

- 12:00** Opening of the conference office at Weimarhalle/ Congress Centrum
- 13:30** Beginning of the meeting, welcome by our hosts and the president of the Hugo Obermaier Society
- 14:00 – 17:30** Presentations (Coffee break: 15:45 – 16:15)
- 18:00 – 19:00** Poster session I
- 19:30** Evening reception at Museum für Ur- und Frühgeschichte Thüringens, Humboldtstraße 11, 99423 Weimar

Wed, April 3rd, 2024

Weimarhalle/ Seminargebäude (Congress Centrum), Unesco-Platz 1, 99423 Weimar

- 09:00 – 12:30** Presentations (Coffee break: 10:40 – 11:10)
- 12:30 – 14:00** Lunch break
- 14:00 – 17:30** Presentations (Coffee break: 15:20 – 15:50)
- 18:00** Announcement of the HOGwardee 2024
- 18:15** Evening lecture by Tim Schöler and Marcel Weiss:
"From Ehringsdorf to Ranis – the beginning and end of Middle Paleolithic lifeways in Thuringia"
- 20:00** Conference Dinner at Gasthausbrauerei Felsenkeller, Humboldtstraße 37, 99423 Weimar

Thu, April 4th, 2024

Weimarhalle/ Seminargebäude (Congress Centrum), Unesco-Platz 1, 99423 Weimar

- 09:00 – 10:30** Presentations
- 10:30 – 11:30** Poster session II
- 11:30 – 12:30** Presentations
- 12:30 – 14:15** Lunch break
- 14:15 – 18:00** Presentations (Coffee break: 16:30 – 17:00)
- 18:30** General Assembly
- 20:30** Get-together

Fri, April 5th, 2024, Excursion A:

(09:00 – 18:00)

Ilsenhöhle Ranis, Döbritz (Kniegrotte, Urdhöhle) and Teufelsbrücke in Saalfeld

Sat, April 6th, 2024, Excursion B:

(09:00 – 16:00)

Weimar-Ehringsdorf, Weimar-Parkhöhle and Gräfentonna (Travertine-Complex Burgtonna)

Detailed Program

Tuesday, April 2nd, 2024

- 12:00** Opening of the conference office at Weimarhalle/ Congress Centrum
13:30 Beginning of the meeting, welcome by our hosts and the president of the Hugo Obermaier Society
- 14:00 – 15:45** **Presentations on the Neolithic, Mesolithic, Final and Upper Palaeolithic**
- 14:00 – 14:15** *Hannah Huber, Flavia Venditti, Claus-Joachim Kind & Yvonne Tafelmaier*
Drilling down – techno-functional analysis of Neolithic Dickenbännli-drills at Kohlhau Abri, Southwest Germany
- 14:15 – 14:30** *Clemens Bock*
Current research on Mesolithic stone artifacts in Thuringia
- 14:30 – 14:45** *Jesper Borre Pedersen, Isobel Wisher, Ester Oras, Thomas Birndorfer, Tim Kinnaird, Rasmus Andreasen, Tom Birch & Felix Riede*
The Final Palaeolithic site of Mühlheim-Dietesheim (Hessen, Germany): new excavations, new analyses, new insights
- 14:45 – 15:00** *Tom Noack, Wolfgang Heuschen, Jörg Orschiedt, Lutz Schubert & Andreas Maier*
Three-dimensional reconstruction of the stratigraphy at the Blätterhöhle entrance area using PyVista
- 15:00 – 15:15** *Michael Baales, Wolfgang Heuschen, Andreas Maier & Jörg Orschiedt*
Blätterhöhle Cave and Vorplatz: current state of research – with special regard to the Final Palaeolithic
- 15:15 – 15:30** *Shumon T. Hussain, David Matzig & Felix Riede*
Lithic techno-cultural evolution and taxonomy of the Last Glacial-Interglacial Transition in Europe: A new expert-sourced macro-archaeological dataset and some first results
- 15:30 – 15:45** *Robin John, Shumon T. Hussain, Georg Roth & Andreas Maier*
A well-feathered nest – Investigating pan-European cultural evolutionary trends in tanged and shouldered lithic points between c. 15 and 11 ka BP
- 15:45 – 16:15** **Coffee break**
- 16:15 – 17:30** **Presentations on art and osseous industries**
- 16:15 – 16:30** *Sebastian J. Pfeifer, Petr Neruda & Zdeňka Nerudová*
Humps and bumps. Particular ornaments on osseous artefacts as indicators of human presence in Central Europe during the earlier Magdalenian?
- 16:30 – 16:45** *Cornelia Lechner, Andreas Pastoors, Thorsten Uthmeier & Robert Bégouën*
Glätter? Smoother? Lissoir? A technological and typological analysis of a widespread Upper Paleolithic bone tool in Enlène (Département Ariège)

- 16:45 – 17:00** *Ria Litzenberg & Fabian Haack*
The lion's head from Vogelherd-cave: new insights from a recently reassembled ivory statuette
- 17:00 – 17:15** *Sibylle Wolf, Robin Andrews, Svenja Schray, Eva Schreiber & Fabian Haack*
Reassessment of the Aurignacian Lochstab of Geißenklösterle Cave and its Find Context
- 17:15 – 17:30** *Marieluise Hahn, Harald Floss & Sibylle Wolf*
Definition and depictions of Males in the Paleolithic
- 18:00 – 19:00** **Poster session I**
- 19:30** **Evening reception** at Museum für Ur- und Frühgeschichte Thüringens, Humboldtstraße 11, 99423 Weimar

Wednesday, April 3rd, 2024

- 09:00 – 12:30** **Presentations on “Alpha and Omega: The emergence and disappearance of Middle Palaeolithic lifeways”**
- 09:00 – 09:20** *Clemens Pasda*
Current research on lithic artefacts in the Middle and Upper Pleistocene travertine deposits of Thuringia (Germany)
- 09:20 – 09:40** *Juan Marín, David M. Martín-Perea, Adrián Álvarez, Martina Demuro, Lee J. Arnold, Irene Solano-Megías, Natalia Abellán & José Manuel Maíllo-Fernández*
Where Obermaier left off: excavating the unknown sequence of the early Middle Palaeolithic at El Castillo
- 09:40 – 10:00** *Lutz Kindler, Sabine Gaudzinski-Windheuser, Fulco Scherjon & Wil Roebroeks*
Neumark-Nord: A review
- 10:00 – 10:20** *Tjaark Siemssen, Katherine Hearne, Sonja Rigterink & Matthias Bierenstiel*
Midges, Disease, and the Materiality of Birch Tar Production in a Wetland Environment
- 10:20 – 10:40** *Audrey Vincent-Pennec*
Exploring Mousterian Cultural Dynamics in the Northwestern Technocomplex: A Techno-functional Approach
- 10:40 – 11:10** **Coffee break**
- 11:10 – 11:30** *Witold Grużdź, Katarzyna Pyżewicz, Andrzej Wiśniewski, Adam Kobyłka & Claudio Berto*
A look back at the Kill-Butchery-Site in Zwolen
- 11:30 – 11:50** *Miriam Noël Haidle*
A Neanderthal meal: Complex resource exploitation in a community of practice

- 11:50 – 12:10** *Sara Elizabeth Rhodes, Thorsten Uthmeier & Alvis Barbieri*
A Rockshelter with a View: preliminary results from a re-examination of the Middle Paleolithic small mammal record of Sesselfelsgrötte (Altmühl Valley, SE Germany)
- 12:10 – 12:30** *Tamara Dogandžić*
Trail of breadcrumbs: The Middle Palaeolithic of the Balkans
- 12:30 – 14:00** **Lunch break**
- 14:00 – 17:30** **Presentations on “Alpha and Omega: The emergence and disappearance of Middle Palaeolithic lifeways”**
- 14:00 – 14:20** *Michael Hein, Marcel Weiss, Nik Usmar, Neda Rahimzadeh, Andreas Pastoors, Jens Lehmann, Kay Gödecke, Tobias Lauer, David Colin Tanner, Sumiko Tsukamoto & Brigitte Urban*
New wine in old skins: The application of modern chronometric and geochemical methods on the Middle Palaeolithic find sequence in Salzgitter-Lebenstedt
- 14:20 – 14:40** *Phoebe Heddell-Stevens, Sarah Barakat, Mary Lucas, Erin Scott, Petrus Le Roux & Patrick Roberts*
Multi-isotope reconstructions of large herbivore spatial ecology at the Neanderthal hunting site of Salzgitter-Lebenstedt, Northern Germany
- 14:40 – 15:00** *Małgorzata Kot, Mateusz Baca, Greta Brancaleoni, Helen Fewlass, Aleksandra Kropczyk, Anna Lemanik, Magdalena Moskal-del Hoyo, Adam Nadachowski, Oliwia Oszczepalińska, Andrea Pereswiet-Soltan & Claudio Berto*
Did Neanderthals go to heaven? Reinvestigation of Raj Cave, Poland
- 15:00 – 15:20** *Florian Gumboldt, Andreas Maier, Jürgen Richter & Carsten Münker*
Strontium isotope analyses and uranium thorium dating of prey species from Neanderthal sites in central and southern Germany
- 15:20 – 15:50** **Coffee break**
- 15:50 – 16:10** *Tullio Abruzzese & Alexander Verpoorte*
Quina along the edge: A Technological Assessment of Colmont-Ponderosa (South Limburg, The Netherlands) shows Middle Palaeolithic Variability in Northern Europe
- 16:10 – 16:30** *Marco Peresani, Ursula Thun Hohenstein, Davide Delpiano, Gianluca Arnetta, Lavinia Caffarelli, Vittoriana Espedito, Stefano Gialanella, Juan Manuel López-García, Alessandro Poti, Paolo Pozzobon, Florent Rivals & Davide Visentin*
Foliate tools from the Middle Palaeolithic in the Italian Alps. A summary of the current evidence from the Vajo Salsone site
- 16:30 – 16:50** *Carlos Mazo, Cristina López-Tascón, Luis Miguel García-Simón & Marta Alcolea*
The last of them: late Neanderthals from AGP5 cave (Zaragoza, NE Spain)

- 16:50 – 17:10** *Jacopo Gennai, Tom Higham, Maddalena Gianni, Laura van der Sluis, Marco Romboni & Elisabetta Starnini*
Reinvestigation of Buca della Iena and Grotta del Capriolo shed light onto late Neanderthals in northwestern Tuscany (Italy)
- 17:10 – 17:30** *Robin Andrews*
A critical evaluation of the Châtelperronian osseous industry
- 18:00** **Announcement of the HOGwardee 2024**
- 18:15** **Evening lecture by Tim Schöler (TLDA, Weimar) and Marcel Weiss (FAU Erlangen-Nürnberg):**
“From Ehringsdorf to Ranis – the beginning and end of Middle Paleolithic lifeways in Thuringia”
- 20:00** **Conference Dinner** at Gasthausbrauerei Felsenkeller, Humboldtstraße 37, 99423 Weimar

Thursday, April 4th, 2024

- 09:00 – 12:30** **Presentations on Zooarchaeology and Palaeoecology**
- 09:00 – 09:15** *Shana Wernado, Samantha Brown & Raiko Krauß*
Who and what we wear – Using peptide mass fingerprinting to reveal the animals behind Late Neolithic - Copper Age jewelry from Movila lui Deciov, Banat
- 09:15 – 09:30** *Robert Sommer, Charlotte Hegge, Martin Theuerkauf, Ulrich Schmölcke & Thomas Terberger*
Alternately effects of climate, landscape, fauna and man in the Holocene primeval landscape of the European Lowlands
- 09:30 – 09:45** *Giovanni Manzella, Alex Fontana, Ana B. Marín-Arroyo, Lucía Agudo Pérez, Marco Peresani & Rossella Duches*
Paleoecology of mid-mountain Alps (Trentino, Italy) between Greenland Interstadial 1 and Early Holocene. Carbon and Nitrogen stable isotope analysis of ibex and red deer
- 09:45 – 10:00** *Janos Puschmann, Viktoria Fries, Phoebe Heddell-Stevens, Jürgen Richter, Andreas Maier & Patrick Roberts*
Stable carbon ($\delta^{13}\text{C}$) and oxygen ($\delta^{18}\text{O}$) isotope analysis of animal teeth from the Magdalenian site of Bad Kösen-Lengefeld
- 10:00 – 10:15** *Jeanne Marie Geiling, Ana B. Marín-Arroyo, Manuel R. González Morales & Lawrence G. Straus*
Multifactorial analysis for reconstructing human subsistence during the Lower Magdalenian at the montane site of El Mirón (Cantabria, Spain)
- 10:15 – 10:30** *Angel Blanco-Lapaz, Małgorzata Kot & Claudio Berto*
The Ice Wall and Palaeolithic fish assemblages in the Polish Jura: the cases of Pod Oknem and Łabajowa caves

10:30 – 11:30	Poster session II
11:30 – 11:45	<i>Elisa Luzi & Nicholas J. Conard</i> Cave or rock shelter? Landscape evolution in the Lone Valley of the Swabian Jura as seen from the perspective of small mammals
11:45 – 12:00	<i>Michaela Ecker, Inèz Faul, Taylor Grandfield, Stefan Dreibrodt, Chris Green, Abenicia Henderson, Rowena Winterhalder, Marine Frouin, Phillip Segadika & Sarah Mothulatshipi</i> Dust, dunes and stone tools: Results from recent archaeological fieldwork near Tsabong, Botswana
12:00 – 12:15	<i>Jordi Serangeli, Flavio Altamura & Nicholas J. Conard</i> Animal and hominin fossil footprints on the ancient shores of the 300 ka paleolake of Schöningen
12:15 – 12:30	<i>Iván Ramírez-Pedraza, Florent Rivals, Carlos Tornero, Camille Daujeard, Denis Geraads, Rosalia Gallotti, Jean Paul Raynal, David Lefèvre, Abderrahim Mohib</i> Palaeoecological reconstruction of the early Middle Pleistocene sites of Grotte à Hominidés and Grotte des Rhinocéros (Casablanca, Morocco) based on tooth wear
12:30 – 14:15	Lunch Break
14:15 – 16:30	Presentations on the Upper Palaeolithic
14:15 – 14:30	<i>Tilman Böckenförde, Thomas Terberger & Dirk Leder</i> Long-distance travelers – raw materials provide insights into mobility patterns of Magdalenian groups
14:30 – 14:45	<i>Katarína Kapustka & Kristýna Budilová</i> Interpretation of the use of ground stone artifacts from the site of Hostim: preliminary report
14:45 – 15:00	<i>Johanna Jeschke</i> The early Upper Paleolithic in Thuringia and the site of Gera-Zoitzberg
15:00 – 15:15	<i>Hannah Parow-Souchon, Georg Roth & Anna Belfer-Cohen</i> Carinated technology in the Levantine Aurignacian
15:15 – 15:30	<i>Guido Bataille, Thomas Beutelspacher, Marcel Schemmel, Giulia Toniato & Yvonne Tafelmaier</i> Recent field campaigns in Palaeolithic sites of the Ach Valley in the Swabian Jura (Southwestern Germany)
15:30 – 15:45	<i>Natasha T. Singh, Rudolf Walter, Sibylle Wolf & Nicholas J. Conard</i> Beads, burins, bladelets – A functional investigation of burin spalls from Hohle Fels Cave in the Swabian Aurignacian

15:45 – 16:00	<i>Olaf Jöris, Laura Centi, Peter Fischer, Phoebe Heddell-Stevens & Tim Matthies</i> At the northern edge of the Aurignacian oikumene. The open-air site of Breitenbach in context of the modern human peopling of Europe
16:00 – 16:15	<i>Armando Falcucci, Simona Arrighi, Vincenzo Spagnolo, Matteo Rossini, Owen Higgins, Brunella Muttillio, Ivan Martini, Jacopo Crezzini, Francesco Boschin, Annamaria Ronchitelli & Adriana Moroni</i> Beneath the volcanic ashes: New insights from the Aurignacian layers of Grotta di Castelcivita in Southern Italy
16:15 – 16:30	<i>Youssef Djellal, João Marreiros, Nuno Bicho & Abdeljalil Bouzouggar</i> Untangling the onset of <i>Homo sapiens</i> complex behavior in North Africa: stone tool use during the Middle Stone Age in Morocco
16:30 – 17:00	Coffee Break
17:00 – 18:00	Presentations on Mixed Topics
17:00 – 17:15	<i>Martin Moník, Petr Hamrozi, Zdeňka Nerudová, Filip Gregar, Tomáš Pluháček & Jitka Součková</i> An online application for the provenancing of radiolarite artefacts
17:15 – 17:30	<i>Dries Cnats & Veerle Rots</i> Demonstrating the Potential of Stone Tool Residues in Reconstructing Palaeolithic Stone Tool Technologies
17:30 – 17:45	<i>Sonja Tomasso & Veerle Rots</i> The role of comprehensive functional studies in understanding Palaeolithic technological systems
17:45 – 18:00	<i>Andrew W. Kandel, Miriam Haidle, Volker Hochschild, Zara Kanaeva & Nicholas J. Conard</i> Using the ROAD Database: Recent Advances in Querying the Database
18:30	General Assembly
20:30	Get-together

Poster session I

Peyton Carroll, Christian A. Tryon, Iris Querenet Onfroy de Breville & Ilaria Patania
Lithic Technology and Human Adaptation in the Sicilian Upper Paleolithic

Gloria Cattabriga, Amelia Bargalló Ferrerons & Marco Peresani
Dissecting knapping learning through lithics, experimental knapping and kinematics. An overview of the project

Levin Cavak, Marlon Transfeld, Andreas Maier & Martin Heinen
Final Palaeolithic settlement patterns in the Niers valley. The case of Bresgespark – northern area

Marlon Transfeld, Levin Cavak, Andreas Maier & Martin Heinen

Final Palaeolithic settlement patterns in the Niers valley. The case of Bresgespark – southern area

M. Gema Chacón, Juan Ignacio Morales & Antoni Canals-Salamó

Arch-e10 system: complete toolbox for recording archaeological and paleontological data during the fieldworks

M. Gema Chacón, Bruno Gómez de Soler, Mourad Farkouch, Alfredo Suesta, Javier Cámara, Ethel Allué, Bàrbara Mas, Celia Díez-Canseco & Josep Vallverdú

New data from Cal Sitjo site: a Mesolithic to Neolithic sequence in Northeastern Iberian Peninsula (Sant Martí de Tous, Barcelona, Spain)

Tamara Dogandžić, Vesna Dimitrijević, Sofija Dragosavac, Tobias Lauer, Jovana Janković, Shannon P. McPherron, Senka Plavšić-Gogić, Mareike Stahlschmidt, Sahra Talamo & Dušan Mihailović

The Upper Palaeolithic occupations in the central Balkans: New Data from Bukovac and Orlovača caves, Serbia

Paulo Duñó-Iglesias, Iván Ramírez-Pedraza, Florent Rivals, Ionuț-Cornel Mirea, Luchiana-Maria Faur, Silviu Constantin & Marius Robu

The similar omnivorous diet of MIS 3 cave bears and extant brown bears in the Carpathians: Implications for a broadleaf-forest bear glacial refugia

Thomas Einwögerer & Hannah Parow-Souchon

Spatial patterns of a LGM kill site – Reassessment of the GIS data from Saladorf, Lower Austria

Mourad Farkouch, Juan Ignacio Morales, Hassan Aouraghe, María Soto, Diego Lombao, Antoni Canals, Alfonso Benito-Calvo, Mohamed Souhir, Raül Bartrolí, Hamid Haddoumi, Hicham Mhamdi, Abdelkhalk Lemjidi, Aïcha Oujaa, Robert Sala-Ramos & M. Gema Chacón

Core-reduction strategies from the open-air sites of Sahb El Ghar 1 & 2.1 during the Middle Stone Age (MSA) (Aïn Beni Mathar, Eastern Morocco)

Liane Giemsch, Dennis Hoffmann, Johann Tinnes & Elaine Turner

Examination of notched giant deer antlers (*Megaloceros giganteus*, Blumenbach 1799) from Frankfurt am Main-Höchst

Rebecca Gnau, Naira Khachatryan & Florian Linsel

Layer by Layer: Combining Profile Data in 3D

Florian Gumboldt, Andreas Maier & Jürgen Richter

The Middle Palaeolithic assemblage from Martinshöhle in Iserlohn

Shuqin Guo, Natasha T. Singh, Marian Vanhaeren, Sibylle Wolf, Rudolf Walter & Nicholas J. Conard

Examining the social context of double perforated ivory beads from the Swabian Aurignacian

Tamrat Habtu, Tamara Dogandzic & João Marreiros

The Use and Function of Early Stone age Tools: An integrative Approach to Edge Damage Analysis Through Experimental Archaeology

Shumon T. Hussain, Roman Bartosch & Kate Rigby

How does cultural perception shape human responses to large-scale Earth-system changes in the past?

Shumon T. Hussain, William Mills, Klaus Hirsch, Jesper Borre Pedersen, Tobias Reuter & Felix Riede

Unexpected Technological Variability in the Terminal Pleistocene of North-Western Europe: Skrup V and Dybvadbro Syd, Southern Jutland

Shumon T. Hussain, Dirk Leder, Florian Sauer & Jürgen Richter

Unity and Diversity of the Initial Upper Palaeolithic in Western Eurasia: The Lithic Technology of Al-Ansab 2, southern Jordan

Poster session II

Anna Krah

Chronology and chorology of late Pleistocene hunter-gatherer groups in the Lower Rhine Region – From sites in the opencast lignite mines to the regional scale

Martyna Lech & Nicholas J. Conard

The Blattspitzen assemblage of AH X from Hohle Fels Cave in the Ach Valley of southwestern Germany

Josh London, Natasha T. Singh, Marian Vanhaeren, Nicholas J. Conard, Rudolf Walter & Sibylle Wolf

A Stag-gering Proposal: Perforated Cervid Tooth Ornaments for Band-Level Identity and Network Tracking in the Upper Paleolithic of the Swabian Jura

Valentina Lubrano, Ruth Blasco, Florent Rivals, Jordi Rosell & Anna Rufà

Late Neanderthals Updated: New Insights into Duration of Occupations

João Marreiros, Lisa Schunk, Andreas Hildebrandt, Ivan Calandra & Walter Gneisinger

NeanderCloud: New and old technologies to understand past human tool technology, design, and use

Cristian Micó, Ruth Blasco & Florent Rivals

An in vitro simulation of sediment pressure on teeth for identifying abrasion marks within dental microwear patterns

Martin Moník, Yonatan Sahle, Seid Ahmed, Hynek Hadraba, Zdeněk Chlup, Lukáš Kučera, Steven A. Brandt & Kathryn W. Arthur

Ethnographic toolstone heat treatment among Konso hideworkers (Ethiopia)

Elena T. Moos & Nicholas J. Conard

What's the point? Gravettian projectile technology in the Ach Valley of the Swabian Jura

Götz Ossendorf, Tjaark Siemssen, Silviane Scharl & Andreas Maier

HESCOR WP7: Multiregional cultural evolution in Africa

Andreas Pastoors, Thorsten Uthmeier, Robert Bégouën & Eric Bégouën

The Volp Caves – Contextualising Palaeolithic Rock Art

Nora Pfeiffer & Harald Floss
Plant depictions in Paleolithic art

Annika Rebentisch
Examining southern Burgundy's potential for Palaeolithic cave art

Lara Melissa Roth, Shumon T. Hussain & Andreas Maier
Objects with intent? Examining the ontological turn in archaeology and its impact on the nature of Palaeolithic research

Anna Rufä, Ruth Blasco, Jessica Cohen & Emmanuel Desclaux
Birds of prey use by paleolithic hunter-gatherers: new insights from Lazaret Cave

Marcel Schemmel
Spatial organisation of Magdalenian sites – An update on Bad Kösen-Lengefeld (Saxony-Anhalt)

Isabell Schmidt, Jana Anvari, Johanna Hilpert, Shumon T. Hussain, Götz Ossendorf, Silvine Scharl & Andreas Maier
HESCOR – A new interdisciplinary project for investigating coupled Human and Earth System processes

Thorsten Uthmeier, Andreas Pastoors, Marcel Weiss, Kerstin Pasda, Laura Stiller, Alwise Barbieri, Martin Kehl, Neda Rahimzadeh, Karen Ruebens, Raija Katarina Heikkilä & Jean-Jacques Hublin
Excavations at two new sites in Bavaria (Germany) with artifacts of the earliest dispersals of anatomically modern humans into Europe

Thomas Weber, Uwe Beye, Susanne Lindauer & Ralf-Jürgen Priloff
Turtle with leafpoint – New Middle Weichselian finds from the Elbe gravel pit Barleben-Adamsee near Magdeburg

Marcel Weiss, Hauke Jürgens, Sönke Hartz, Martin Segschneider, Ulrich Simon, Trine Kellberg Nielsen & Mara-Julia Weber
It's the small things that matter – detecting find layers based on small flakes. A case study from Drelsdorf, Schleswig-Holstein and a contribution to distinguish artefacts from geofacts

Rowena Winterhalder, Michaela Ecker, Sarah Mothulatshipi, Philip Segadika & Berit Valentin Eriksen
Treasure between rubble: Lithics from Itireleng and Maralaleng, southern Kalahari, Botswana