New Perspectives on Neanderthal Behaviour

23. - 27. April 2019, Erkrath & Mettmann
Hugo Obermaier Society  
for Quaternary Research and Archaeology of the Stone Age  
c/o Institut für Ur- und Frühgeschichte, Kochstr. 4/18, D-91054 Erlangen

61st Annual Meeting in Erkrath  
At the Invitation of the Neanderthal Museum  
Conference Venue: Stadthalle Erkrath, Neanderstraße 58, 40699 Erkrath  
https://www.erkrath.de/Kultur-Freizeit/Kultur/Feiern-und-Tagen-in-Erkrath/Stadthalle

Tuesday, April 23rd, 2019

12:00 Opening of the conference office at the Stadthalle Erkrath
14:00 – 14:30 Welcome by our hosts and the president of the Obermaier Society
14:30 – 16:10 Presentations on the Neolithic, Mesolithic and Late Palaeolithic  
(Coffee break 16:10 – 16:40)
16:40 – 17:55 Presentations on the Aurignacian
18:00 – 18:25 Presentation of the Hugo Obermaier Research Grant Awardee 2018
18:30 – 20:00 Poster Session on the topics of  
• New Perspectives on Neanderthal Behaviour
• Mesolithic & Late Palaeolithic
• Site Reports
• Methodical Advances
20:00 Evening Reception at the Neanderthal Museum

Wednesday, April 24th, 2019

09:30 – 11:10 Special Session: New Perspectives on Neanderthal Behaviour I  
(Coffee break 11:10 – 11:40)
11:40 – 13:20 Special Session: New Perspectives on Neanderthal Behaviour II  
(Lunch break 13:20 – 14:50)
14:50 – 16:30 Special Session: New Perspectives on Neanderthal Behaviour III  
(Coffee break 16:30 – 17:00)
17:00 – 18:15 Special Session: New Perspectives on Neanderthal Behaviour IV
18:30 Public evening lecture by Yvonne Tafelmaier and Andreas Pastoors  
Dem Neandertaler auf der Spur – in German language –
20:00 Conference Dinner at the Restaurant Neandertal N°1  
(https://www.neandertal1.com)

Thursday, April 25th, 2019

09:00 – 10:40 Presentations on Methodical Advances I (Coffee break 10:40 – 11:10)
11:10 – 12:25 Presentations on Methodical Advances II (Lunch break 12:30 – 14:00)
14:00 – 16:30 Presentations on Site Reports (Coffee break 16:30 – 17:00)
17:00 – 18:40 Presentations on Human-Animal Interaction
18:45 Society’s Annual General Meeting
20:00 Get-together at the Restaurant Neandertal N°1 (https://www.neandertal1.com)

Friday, April 26th, 2019 Excursion A:

08:30 – 18:00 Federmesser groups around Mönchengladbach, Rheindahlen,  
Am Krecklenberg, Garzweiler-Jackerath

Saturday, April 27th, 2019 Excursion B:

08:30 – 17:00 Neanderthal Museum, LVR-LandesMuseum Bonn, Bonn-Oberkassel
Tuesday, April 23rd

12:00 Opening of the conference office at the Stadthalle Erkrath

14:00 – 14:30 Welcome by the Mayor of Erkrath Christoph Schultz, the director of the Neanderthal Museum Dr. Bärbel Auffermann, and the president of the Hugo Obermaier Society Prof. Dr. Thorsten Uthmeier

Presentations on the Neolithic, Mesolithic and Late Paleolithic

14:30 – 14:55 Wolfgang Heuschen, Michael Baales & Jörg Orschiedt
A Pleistocene-Holocene transitional industry from the Blätterhöhle rock shelter (Hagen, Westphalia)

Hassi Berkane and Late Iberomaurusian Subsistence in Northeast Morocco

15:20 – 15:45 Julia Kotthaus
Between the caves and the sea: investigating the British late glacial Palaeolithic

15:45 – 16:10 Arantzazu Jindriska Pérez Fernández, A. Alday-Ruiz & E. Iriarte-Avilés
Microstratigraphy in the Pleistocene-Holocene transition sequence in the Upper Ebro Valley, Northern Spain: Reconstructing environments and changes in human Activities and natural, anthropogenic and post-depositional formation processes

- Coffee break -

Presentations on the Aurignacian

16:40 – 17:05 Olaf Jöris, Tim Matthies & Peter Fischer
At the northern edge of the habitable world. New results from the Aurignacian open-air site of Breitenbach, Sachsen-Anhalt, Germany

17:05 – 17:30 Guido Bataille, Michael Bolus & Nicholas J. Conard
Technological variability in the Aurignacian of Geißenklösterle and Hohle Fels (Southwestern Germany)

17:30 – 17:55 Isabell Schmidt & Andreas Zimmermann
Population estimates for the Aurignacian of central and western Europe

Presentation of the Hugo Obermaier Research Grant Awardee 2018

18:00 – 18:25 Senka Plavšić
Excavation of Meča Dupka cave site: Study of the late Middle Paleolithic and the emergence of Upper Paleolithic in southeast Serbia, Balkans

Poster Session

18:30 – 20:00 Poster presentations on the topics of
• New Perspectives on Neanderthal Behaviour
• Mesolithic & Late Palaeolithic
• Site Reports
• Methodical Advances

For poster-titles and authors see pages 8 to 9

20:00 Evening Reception
Wednesday, April 24th

Special Session: New Perspectives on Neanderthal Behaviour

09:30 – 09:55 Petr Škrdla, Tereza Ryčtaříková, Jaroslav Bartík, Ladislav Nejman & Yu. E. Deminenko
Between the Middle and the Upper Paleolithic in Moravia: Current state of the art

09:55 – 10:20 Małgorzata Kot
Truncated-faceted pieces from Beedings (Great Britain)

10:20 – 10:45 Ralf W. Schmitz, Alfred Pawlik, Susanne C. Feine & K. Felix Hillgruber
New research on Middle Palaeolithic stone tools from the type site of Homo neanderthalensis

10:45 – 11:10 Davide Delpiano, Marco Peresani & Andrea Zupancich
Backed tools in the Late Middle Palaeolithic: design, manufacture and use of an uncommon artefact in Discoid assemblages

11:10 – 11:40 Coffee break (30 Min.)

11:40 – 12:05 Manuel WillI, Viola C. Schmid, Michael Bolus & Nicholas J. Conard
New insights on technological behavior of Late Pleistocene Neanderthals from Middle Paleolithic assemblages of Geißenklösterle Cave, Germany

12:05 – 12:30 Lisa Schunk, Ivan Calandra, Walter Gneisinger, Olaf Jöris & João Marreiros
Functional design of the Late Middle Palaeolithic? Testing Keilmesser in controlled experiments

12:30 – 12:55 Jens Axel Frick
The spatial and temporal distribution of the tranchet blow phenomenon during the Middle Paleolithic in Western and Central Europe

13:00 – 14:30 Lunch break (90 Min.)
14:30 – 14:55 Andrea Picin
   Neanderthals settlement dynamics: a diachronic perspective from Central Europe

14:55 – 15:20 Kseniya Kolobova, Maciej Krajcarz, Alena Shalagina, Magdalena Krajcarz, Svetlana Shnaider & Andrey Krivoshapkin
   Neanderthal mobility pattern in Altai Mountains

15:20 – 15:45 Alena Shalagina, Kseniya Kolobova & Sergei Markin
   The significance of bifacial technology in the Middle Paleolithic of Altai Mountains

15:45 – 16:15 Coffee break (30 Min.)

   North Sea treasure trove: The first Dutch Neandertal birch tar

16:40 – 17:05 Lutz Kindler & Olaf Jöris
   A Thought Experiment: Raising a Neanderthal Baby today: A Paleo-ethological Perspective on Neanderthals and Human Behavioural Evolution

17:05 – 17:30 Jordi Serangeli, Bárbara Rodríguez Álvarez, Ivo Verheijen & Nicholas J. Conard
   Gatherers, hunters and more than ten dead elephants in Schöningen

18:30 Public evening lecture

   Andreas Pastoors and Yvonne Tafelmaier
   Dem Neandertaler auf der Spur
   (in German language)

20:00 Conference Dinner at the Restaurant Neandertal Nº1
   (https://www.neandertal1.com)
Thursday, April 25th

Presentations on Site Reports I

09:00 – 09:25 Merlin Hattermann

09:25 – 09:50 Jürgen Richter, Thorsten Uthmeier & Andreas Maier
A decade of research and excavation at the Magdalénian open-air site at Bad Kösen-Lengefeld

09:50 – 10:15 Armando Falcucci, Nicholas J. Conard, and Marco Peresani
A re-evaluation of the Protoaurignacian sequence at Fumane Cave in northern Italy

New excavations and functional analyses of the early Upper Paleolithic assemblage from Românești-Dumbrâvița, Romania

- Coffee break -

11:10 – 11:35 Jonathan Schoenenberg
Intra Ansab 1, preliminary results of the Find Distribution of an early Ahmarian site in the southern Levant

11:35 – 12:00 Nicholas Conard, Gregor Bader, Viola Schmid, Chantal Tribolo & Manuel Will
New results from Middle Stone Age of Kwa-Zulu Natal, South Africa

12:00 – 12:25 Thorsten Uthmeier, Avi Gopher & Ran Barkai
The bifacial tools of the Acheulo-Yabrudian Cultural Complex from Qesem Cave, Israel: a techno-functional analysis

- Lunch break -
Presentations on Methodical Advances

14:00 – 14:25  Ivan Calandra, Walter Gneisinger, Antonella Pedergnana, Lisa Schunk, Eduardo Paixao & João Marreiros  
The TraCEr laboratory: developing experimental programs combining material properties, variable control and use-wear quantification

14:25 – 14:50  A. Malago, Y.-M. Hou & O. Jöris  
Hardness and Knappability – What do quantitative raw material properties tell us about hominid behavior

Procurement and Management of raw material in El Arteu and El Habario: Geo-Archaeological characterization of quartzite in the Cantabrian region (NW Spain)

15:15 – 15:40  Martin Moník, Zdeňka Nerudová & Petr Schnabel  
Searching for chert heat-treatment in Moravian Magdalenian

15:40 – 16:05  Nadine Huber & Harald Floss  
The portable art of Solutré (Burgundy, France). Reflectance transformation imaging, a portable and low-cost solution to the imaging of Paleolithic art objects

16:05 – 16:30  Hannah Parow-Souchon  
Unriddling variability – testing hypotheses on assemblage variability

- Coffee break -

Presentations on Human-Animal Interaction

17:00 – 17:25  Susanne C. Münzel, Thomas Hess, Angel Blanco-Lapaz & Nicholas J. Conard  
Faunal remains of Helga Abri, a Late Magdalenian/Early Mesolithic rockshelter in the Ach Valley near Schelklingen (Swabian Jura)

17:25 – 17:50  Chris Baumann, Britt M. Starkovich, Dorothée G. Drucker, Susanne C. Münzel, Nicholas J. Conard & Hervé Bocherens  
Isotopic and ecological niches of commensal and domestic Magdalenian canids

17:50 – 18:15  Elaine Turner, Louise Humphrey, Abdeljalil Bouzouggar & Nick Barton  
Subsistence strategies during the Middle Stone Age: evidence from the Grotte des Pigeons, Taforalt, Morocco

18:15 – 18:40  Shumon T. Hussain  
After the ‘animal turn’ – re-configuring the study of human-animal relations in Palaeolithic archaeology

18:45  Society’s annual general assembly

20:00  Get-together at the Restaurant Neandertal N°1  
(https://www.neandertal1.com)
Poster presentation

Special Session: New Perspectives on Neanderthal Behaviour

Amal Al Kassem
The close technological correlation between an obliqueness of two preceding predetermined convergent removals of Levallois point production and the typical Levallois point.

Thomas Albert
Leaving the Middle Palaeolithic

Simon Fröhle, Yvonne Tafelmaier, Stefan Wittengl, Alwin Schwarzkopf & Harald Floss
Mundelsheim – Revisiting a Middle Palaeolithic site with leaf point in the Middle Neckar Region, Southwestern Germany

Petr Neruda, Lenka Lisá, Zdeňka Nerudová & Aleš Bajer
Identification of the MIS 4 in the Kúlna Cave (Czech Republic) and its Implication for Chronostratigraphic Model of the Cave

Trine Kellberg Nielsen
Coast versus interior: the role of seasonal mobility on late Pleistocene Iberian Neanderthals

Marie Massoulié & Éva David
An unordinary retoucher from the Mousterian of Vergisson IV (Saône-et-Loire, France)

Morgan Roussel
Significance of new evidences for Châtelperronian bladelet production from Les Cottés (Vienne, France)

Florent Rivals, Jürgen Richter & Thorsten Uthmeier
Seasonality and duration of occupations of the Neanderthal settlements at Sesselfelsgrotte

Mesolithic and Late Palaeolithic

Julia Blumenröther
Searching for new Mesolithic sites in the Austrian Danube corridor

Sarah Haupt, Almut Mrotzek, Martin Theuerkauf & Marcel Bradtmöller
In search for the impact of Palaeolithic and Mesolithic societies – Palynological and Archaeological research in Mecklenburg-Vorpommern

Werner Schön, Jehanne Affolter, Armin Guggenmos, Giuseppe Gulisano & Elena Maier
Stone Age sites in the Alps of western Bavaria

Tadeusz Wiśniewski
Late Palaeolithic settlement in the Lublin Upland (eastern Poland) - new data

Site Reports

Marcel Bradtmöller, Aitor Calvo, Christoph Schmidt & Marcel El-Kassem
The open-air site of Feldberg “Steinacker” (Müllheim, Baden-Württemberg). Preliminary results of the 2018 excavation campaign

Jacopo Gennai & Jürgen Richter
When size matters: qualitative and quantitative data on bladelet-making at the Early Ahmarian site of Al-Ansab 1 (Jordan)

Firas Jabbour, Boris Gasparyan & Andrew W. Kandel
Typological and technological methods in stone artifacts from Aghitu-3 Cave, Armenia

Anna Krahl
The Late Palaeolithic site Andernach Roonstraße. A spatial and chronological analysis
The Early Upper Paleolithic faunal assemblage of Ghar-e Boof (Southern Zagros Mountains, Iran)

Elina Nordwald
The Paleolithic open air site „La Sénétrière“ near Mâcon (Saône-et-Loire, France)

Ivan Ramírez-Pedraza, Paula Mateo, Ruth Blasco, Florent Rivals & Jordi Rosell
Old collections, new challenges: Contextualizing old archaeological materials from the Toll Cave (Moià, Barcelona)

Christian Schepers
By the Rivers of Bilate – Twisted Bifaces from Ethiopia

Ralf Vogelsang
When Hominins Conquered Highlands—an Acheulean Site at 3000 m a.s.l. on Mount Dendi/Ethiopia

Christina-Maria Wiesner
Points for the Gravettian – New observations on an old collection from Abri Blanchard, Dordogne

Methodical Advances

Gianpiero Di Maida, Jan Sabri Çetinkaya, Thorsten Uthmeier, Andreas Pastoors & Bärbel Auffermann
The DISAPALE project: 3D and lithic types of European Paleolithic

K. Kindermann, F. Henselowsky, N. Klasen, R. Eichstädter, A. Schröder-Rotzau & P. Van Peer
Out of Africa – Reconstructing a Late Pleistocene living environment in the Eastern Desert of Egypt

Karin Kulhanek
The use of space in Ekain and Altxerri. Spatial analysis of two caves with Franco-Cantabrian art

João Marreiros, Walter Gneisinger, Ivan Calandra, Antonella Pederghana, Eduardo Paixao & Lisa Schunk
Looking for better answers by using improved methods? Rethinking traceological experiments, and the importance of standardization, protocols, sample preparation and mechanical apparatus

Taylor Otto, Jörg Linstädter & Gerd-Christian Weniger
Land Use in the Middle Palaeolithic of the Eastern Rif, Morocco – Sites, Settlement Pattern and Mobility

Alejandro Prieto, Andreas Pastoors, Erich Claßen & Iñaki Yusta
The workshop as a starting point: Geo-archaeological characterization of quarzites in the Middle Paleolithic site of Ravensberg-Troisdorf, Germany

Anna-Maria Rösch
Refitting colouring materials. An investigation of the archaeological remains of St. Martin-sous-Montaigu (Bourgogne-Franche-Comté)

Daniel Schyle
Evaluation of Palaeolithic sites in the Rhineland

Ulrich Simon & Michael Brandl
Engraved cortices from the Gravettian site of Krems-Wachtberg, Austria

Taisiya Soldatova
Creating a GIS: "Bone Industries of the Early Upper Paleolithic"

Mareike C. Stahlschmidt, Susann Heinrich, Will Archer, Patrick Schmidt & Marcel Weiß
Non-destructive Infrared Analyses of Baltic Flint to Explore Fire Use at Paleolithic sites