Hugo Obermaier-Gesellschaft

für Erforschung des Eiszeitalters und der Steinzeit e.V.

c/o Institut für Ur- und Frühgeschichte, Kochstr. 4/18, D-91054 Erlangen

57th Annual Meeting in Heidenheim

At the invitation of the

University of Tübingen, Institute of Prehistory, Early History and Medieval Archaeology and the Förderverein Eiszeitkunst im Lonetal e.V.

Conference venue: *Congress Centrum Heidenheim*
Hugo-Rupf-Platz 1, 89522 Heidenheim

Tuesday, April 7th

12:00	Opening of the conference office at the Congress Centrum Heidenheim
14:00	Beginning of the meeting, welcome by the mayor Bernhard Ilg, the board of the Förderverein Eiszeitkunst e.V. and the president of the Hugo Obermaier Society
14:20 – 16:20	Oral Presentations
16:45 – 18:45	Poster-Session
18:45	Reception in the Congress Centrum, music by Six-Pack (Jazz) until 21:00h
19:30	Guided tour in Schloss Hellenstein (Exhibition on the Heidenschmiede) and the site by Karin Marquard-Mader

Wednesday, April 8th

08.30 – 12:30	Oral Presentations
14:00 – 18:00	Oral Presentations „Symbolic communication and modern culture“
19:00	Public evening lecture, Prof. N. J. Conard Ph.D. at the city hall of Heidenheim
20:30	Gala dinner at the Konzerthaus Heidenheim. Music by Christian Vaida on the historic grand piano until 22:30h, then Quasi Musici until 1:00h.

Thursday, April 9th

08.30 – 12.30	Oral Presentations „Symbolic communication and modern culture“
14.00 – 17.45	Oral Presentations
18:15	Society's annual general meeting
20:30	Get-together and dinner

Friday, April 10th **Excursion A:**

Sites in the Lone valley: Museum Ulm, Börslingen, Bockstein, Hohlenstein, Archäopark Vogelherd. Reception at the Archäopark Vogelherd (sponsored by the city of Niederstotzingen)

Saturday, April 11th **Excursion B:**

Sites in the Ach valley: Urgeschichtliches Museum Blaubeuren, Brillenhöhle, Geißenklösterle, Hohle Fels

Tuesday, April 7th

12:00 **Conference office opens**

14:00 **Opening of the congress**

Welcome notes by the mayor Bernhard Ilg, the board of the Förderverein Eiszeitkunst e.V. and the president of the Hugo Obermaier Society

Reports on Lower and Middle Palaeolithic

14:20 – 14:40 *Liane Giemsch*
Makuyuni: Acheulean sites from the Lake Manyara, Northern Tanzania

14:40 – 15:00 *Jordi Serangeli, K. Felix Hillgruber & Nicholas J. Conard*
Lithic technology and landuse during the Middle Pleistocene in Schöningen

15:00 – 15:20 *Jens Axel Frick & Harald Floss*
Grotte de la Verpillière II, a Late Middle Paleolithic reference site in southern Burgundy

15:20 – 15:40 *María Gema Chacón, Delphine Vettese, Camille Daujeard, Florent Rivals, Paul Fernandes, Anne Pike-Tay, Rosalia Gallotti, Bruce Hardy & Marie-Hélène Moncel*
Dissecting palimpsests and events of activity through lithic and faunal refits in karst systems during the Middle Paleolithic: the layer 4 of the Maras rockshelter (Ardèche, France)

15:40 – 16:00 *Camille Jéquier, Davide Delpiano, Juan Manuel López-García, Giuseppe Lembo, Alessandra Livraghi, Marija Obradović, Matteo Romandini & Marco Peresani*
First report from the excavations at the De Nadale Cave, a single layered Mousterian site in the North of Italy

16:00 – 16:20 *Zsolt Mester*
Leaf-shaped tools of the Middle and Upper Palaeolithic in Hungary: a technological approach

- Coffee break -

16:45 **Opening of the Poster Session**

18:45 **Reception in the Congress Centrum,** music by Six-Pack (Jazz) until 21:00h

19:30 **Guided tour in Schloss Hellenstein** (Exhibition on the Heidenschmiede) and the site by Karin Marquard-Mader

Wednesday, April 8th

Reports on Middle and Upper Palaeolithic

08:30 – 08:50 *Davide Delpiano, Marco Peresani & Andreas Pastoors*
Reconstructing skill and operational sequences from flake refittings. A view on Discoid technology

08:50 – 09:10 *Patrick Schmidt*
How can lithic heat treatment in the South African MSA be an indicator of modernity?

09:10 – 09:30 *Daniel Richter, Philip Klinger, Paul van den Bogaard & Ludwig Zöller*
New ages for the human remains from Wannen. A 'classical' Neanderthal and human remains as symbol?

09:30 – 09:50 *Christoph Wißing, Isabelle Crevecoeur, Mietje Germonpré, Johannes Krause, Yuichi Naito, Cosimo Posth, Hélène Rougier, Patrick Semal & Hervé Bocherens*
Insight from stable isotopes into the ecology of late Neandertals and early anatomically modern humans (AMH) in North-West Europe

09:50 – 10:10 *C. Posth, C. Wißing, D. Drucker, K. Kitagawa, K. Wehrberger, C.-J. Kind, H. Bocherens, K. Harvati, N. J. Conard & J. Krause*
Biomolecular investigation of Paleolithic and Mesolithic human remains from the Swabian Jura (South-West Germany)

- Coffee break -

10:30 – 10: 45 *Hannah Parow-Souchon*
The Wadi Sabra – a contextual approach to the Palaeolithic landscape

10:45 – 11:00 *Ine Leonard*
Reading the Stones. Modelling the Early Aurignacian Archaeological Landscape of the Banat (SW-Romania)

11:00 – 11:20 *Luc Moreau, Guido Heinz, Anja Cramer, Michael Brandl, Oliver Schmitsberger & Christine Neugebauer-Maresch*
Stratzing-Galgenberg in its lithic landscape: Difficulty of terrain as a relevant proxy for objectifying mobility patterns and economic behaviour in the Aurignacian of the Middle Danube region

11: 20 – 11:40 *María de Andrés-Herrero, Daniel Becker, Christian Willmes, Georg Bareth & Gerd-Christian Weniger*
Upper Palaeolithic mobility patterns and territoriality in Western Cantabria using Least Cost Path Analysis

11:40 – 11:55 *Andrei Sinitsyn*
Aesthetic subsystems in the context of Upper Paleolithic cultural unities: East European perspectives

11:55 – 12:10 *Julia Blumenröther*
The Mäanderhöhle – Analyses of palaeolithic cave art in Bavaria

12:10 – 12:30 *Andreas Pastoors & Tilman Lenssen-Erz*
Tracking in Caves – Deciphering the context of cave art by reading Pleistocene footprints with indigenous knowledge

- Lunch break -

„Symbolic communication and modern culture“
Global perspectives

14:00 – 14:20 *Francesco d'Errico*
The earliest instances of symbolic material culture

14:20 – 14:40 *Lyn Wadley*
Early Symbolic Communication in the Middle Stone Age of South Africa

14:40 – 15:00 *Akira Ono*
Northeast Asian record of early symbolic behavior

15:00 – 15:20 *Marco Peresani*
What the Southern European record tells us about the evolution of symbolic culture

Environment, subsistence and technology

15:20 – 15:40 *Sandrine Costamagno & Marie-Cécile Soulier*
Beyond food : The animal exploitation in the Early Upper Paleolithic

- Coffee break -

16:10 – 16:30 *Britt M. Starkovich, Susanne C. Münzel, Keiko Kitagawa, Petra Krönneck, Simone Riehl, Dorothée G. Drucker & Nicholas J. Conard*
Lithic and organic technologies of the Swabian Aurignacian and their implications for testing models of cultural innovation during the early Upper Paleolithic

16:30 – 16:50 *Michael Bolus, Jeeyun Chang & Nicholas J. Conard*
Lithic and organic technology during the Swabian Aurignacian and their implications for testing models of cultural innovation during the early Upper Paleolithic

16:50 – 17:10 *Guido Bataille*
Mechanisms of the Early Upper Paleolithic occurrence and consolidation in Eastern Europe. The Crimean and Kostenki example

17:10 – 17:30 *Yvonne Tafelmaier*
"Trapped in terms" - the Proto-Aurignacian and early Aurignacian of Northern Spain"

17:30 – 17:50 Discussion part 1

19:00 **Public evening lecture, Prof. N. J.Conard Ph.D. at the city hall of Heidenheim**
The Swabian Aurignacian and its implications for population dynamics and cultural evolution

20:30 Gala dinner at the **Konzerthaus Heidenheim.** Music by Christian Vaida on the historic grand piano until 22:30h, then Quasi Musici until 1:00h.

Thursday, April 9th

„Symbolic communication and modern culture“
The early record of personal ornaments, art and music

8:30 – 8:50 *Laure Dayet*
Early production and use of pigments: theory versus facts

8:50 – 9:10 *Marian Vanhaeren, Wulf Schiefenhövel, Nicolas Antunes & Francesco d'Errico*
Personal ornaments and group identity during the Early Upper Palaeolithic

9:10 – 9:30 *Sibylle Wolf & Claire Heckel*
Early Aurignacian Personal ornaments of southwestern Germany and southwestern France: commonalities and differences

9:30 – 9:50 *Harald Floss & Shumon T. Hussain*
Substantiating the saltationist view of Aurignacian emergence in Central and Western Europe: a reassessment of qualitative and quantitative arguments

9:50 – 10:10 *Randall White & Raphaëlle Bourrillon*
"Aurignacian graphic and plastic expression in Southwest France: context, dating and inter-regional comparisons"

- Coffee break -

10:30 – 10:50 *Walpurga Antl-Weiser*
Symbolic expressions of early modern humans – a comparison between Aurignacian and Gravettian symbolic objects

10:50 – 11:10 *Claus-Joachim Kind & Kurt Wehrberger*
The Lion Man from Stadel Cave and his significance for the Swabian Aurignacian

11:10 – 11:30 *Ewa Dutkiewicz*
Markings and symbols - the fully developed symbolic behavior

11:30 – 11:50 *Susanne Münzel, Maria Malina, Anna Friederike Potengowski & Nicholas J. Conard*
Discovery and Soundscape of Musical instruments of the Swabian Aurignacian

11:50 – 12:10 *Gary Tomlinson*
Music and Early Symbolic Communication

12:10 – 12:30 Discussion part 2

- Lunch break -

Reports on Middle and Upper Palaeolithic and Mesolithic

14:00 – 14:20 *Stephan M. Heidenreich, Conny Meister & Claus-Joachim Kind*
"Caves with the oldest Ice Age art" – On the Way to UNESCO World Heritage

14:20 – 14:40 *Judy Y. Chang*
The lithic technology and social-economic context at Vogelherd IV and V

14:40 – 15:00 *Martin Oliva*
Symbolic communication through mammoth bones

15:00 – 15:20 *Hervé Bocherens, Dorothée G. Drucker, Mietje Germonpré, Martina Lázničková-Galetová, Mikhail V. Sablin, Andrew W. Kandel, Verena Schuenemann, Olaf Thalmann & Johannes Krause*
Morphological, ecological and genetic characterization of Pleistocene wolves and Palaeolithic dogs in the Gravettian of Předmostí I (Czech Republic)

15:20 – 15:40 *Zdeňka Nerudová, Petr Neruda, Nela Doláková & Jan Novák*
Štýřice III (Brno District) - A contribution towards understanding the Epigravettian Environment

- Coffee break -

16:10 – 16:30 *Nadine Huber & Harald Floss*
Painted limestones from the Magdalenian of the Klausenhöhlen (near Essing, Bavaria)

16:30 – 16:50 *Jeanne Marie Geiling, Lisa M. Fontes, Ana Belen Marín Arroyo, Lawrence Guy Straus & Manuel R. González Morales*
Distinguishing Drop Zones: Lithic and Faunal Perspectives on Lower Magdalenian Activity Areas in El Mirón Cave, Cantabria, Spain

16:50 – 17:10 *Dorothée G. Drucker, Nicholas J. Conard, Katerina Harvati, Cosimo Posth, Johannes Krause & Hervé Bocherens*
Isotopic evidence of aquatic resource consumption in the Swabian Jura during the Late-Glacial interstadial

17:10 – 17:30 *Clemens Pasda*
Very modern cultures - New results of research on the late Upper and Late Palaeolithic in Central Germany

17:30 – 17:50 *Florian Sauer*
Organic Resource Management in the Late Palaeolithic of North-Eastern Bavaria. Geomorphology-Based Modelling of Potential Biodiversity for Catchment Analysis

17:50 – 18:05 *Tina K. Jahnke, Markus Siegeris, Stefan Wettengl & Elisabeth Noack*
Zigeunerfels: First results of recent investigations into the lithic and faunal remains

18:15 **Society's annual general meeting**

20:30 **Get-together and dinner**

Poster presentation

Thomas Albert
Flint artefacts from the northern section of the Late Magdalenian open-air site of Bad Kösen-Lengefeld, Saxony-Anhalt

Manuel Alcaraz-Castaño & Gerd-Christian Weniger
Testing population hiatuses in the Late Pleistocene of Central Iberia: a geoarchaeological approach

D. Álvarez-Alonso, J. Yravedra, A. Arrizabalaga, J. F. Jordá Pardo, E. Álvarez-Fernández, M. de Andrés-Herrero, M. Elorza, S. Gabriel, García-Díez, D. Garrido, M. M. J. Iriarte Chiapusso, J. Rojo, C. Sesé, P. Uzquiano, T. Aparicio, M. Arriolabengoa, A. Calvo, P. Carral, R. Domingo, I. Elorrieta, V. Estaca, O. Fuente, M. García-Madariaga, E. García-Sánchez, E. Iriarte Avilés, P. López-Cisneros, M. Meléndez, J. Tapia, A. Tarriño, G. J. Trancho, A. M. Valles, M de Andrés-Chain, D. Ballesteros, D. Cabanes, A. Moreno, D. Rodrigo & R. Obeso
The Upper Palaeolithic record of Coímbre Cave (Asturias, northern Spain). A symbolic place, a place for living

Àngel Blanco-Lapaz, Maria Saña & Ferran Antolín
Management of fish resources in a lacustrine site in the Early Neolithic in NE Iberian Peninsula

Viviane Bolin & Gerd-Christian Weniger
Rock Art and Mobile Art as Cultural Marker in the Solutrean and Magdalenian of the Iberian Peninsula

Knut Bretzke
The Paleolithic record in the central region of Sharjah (UAE) and conclusions about hominin settlement dynamics in Southern Arabia

Norbert Buchinger & Thomas Einwögerer
Ice age hunters in Gösing at the Wagram

H. Floss, S. Fröhle & S. Wettengl
New investigations on palaeolithic open-air sites in Southwestern Germany

Liane Giemsch, Susanne C. Feine, Kurt W. Alt, Qiaomei Fu, Corina Knipper, Johannes Krause, Sarah Lacy, Olaf Nehlich, Constanze Niess, Svante Pääbo, Alfred Pawlik, Michael P. Richards, Verena Schünemann, Martin Street, Olaf Thalmann, Johann Tinnes, Erik Trinkaus & Ralf W. Schmitz
Interdisciplinary investigations of the late glacial double burial from Bonn-Oberkassel

Marc Händel, Vera M. F. Hammer & Ulrich Simon
Colourful horizons – assessing the variety of colour pigments processed and applied at the Pavlovian site Krems-Wachtberg

Klaus Herkert
New insights into raw material use patterns in the Early Upper Paleolithic of Saint-Martin-sous-Montaigu (southern Burgundy, France)

Thomas Hess, Susanne Münzel, Andreas Taller & Nicholas J. Conard
Late Magdalenian hunter-gatherers at the rock shelter site Helga-Abri in Ach Valley

Magdalena Krajcarz, Maciej T. Krajcarz, Teresa Madeyska, Piotr Wojtal, Bolesław Ginter, Paweł Valde-Nowak, Krzysztof Sobczyk, Damian Stefański, Mirosław Zając, Katarzyna Zarzecka-Szubińska & Bridget Alex
New radiocarbon dating of animal bones from Ciemna Cave – a Micoquian site in Poland

Mojdeh Lajmiri, Nicholas J.Conard, M.Zeidi, M. Bolus & P. Schmidt
Detecting heat treatment among the Aceramic Neolithic artifacts from Chogha Golan; Iran

M. Menéndez, D. Álvarez-Alonso, M. de Andrés-Herrero, E. García-Sánchez, J. F. Jordá Pardo, M. Kehl, J. Rojo & G-Ch. Weniger
La Güelga Cave (Northern Iberia): An archaeological sequence from the late Upper Pleistocene

Susanne C. Münzel, Dorothée G. Drucker, Christophe Cupillard & Hervé Bocherens
Cave Bear Exploitation by Neanderthals and Modern Humans The Cases of Casamène (French Jura) and Hohle Fels (Swabian Jura)

Susanne C. Münzel, Peter Heinzelmann & Berrin Cep
Heidenschmiede, a Middle Palaeolithic Rock Shelter in Heidenheim. Fauna and Lithics re-visited

Susanne C. Münzel, Sibylle Wolf, Marius Achtelik, Svenja Arlt, Julia Becher, Luca Brunke, Johanna Klett, Anne Kremmer, Josephine Krönke, Antje Langer Ria Litzenberg, Anna-Katharina Loy, Anna-Franziska Mandt, Jacqueline Alice Mena, Ullrich Ochs, Annika Rebentisch, Benjamin Schürch, Noora Taipale, Hannes Wegeng, Hannes Wiedmann, Heike Würschem, Teresa Zahoransky, Max Zerrer & Petra Krönneck
Chaîne opératoire of Molly, an Indian elephant from the Wilhelma in Stuttgart – Bad Cannstatt. Results of a workshop in Blaubeuren on the processing of Proboscidian ribs as raw material for tools.

Martin Nadler
A newly discovered statue-menhir from north-western Middle Franconia – Bavaria's oldest „large-scale" sculpture

Volker Neubeck & Clemens Pasda
Alpine archaeology: research on caribou hunting near glaciers and snow patches in West Greenland

Sarah Ranlett
Culture, Material and Choice: Conceptualizing Rare Raw Materials in the French Upper Palaeolithic

Sara E. Rhodes, Britt M. Starkovich & Nicholas J. Conard
Climate and site formation in the Paleolithic Ach Valley: proposed analysis of microfauna from Geißenklösterle cave

Carlos Sánchez-Hernández, Florent Rivals, Ruth Blasco & Jordi Rosell
Estimating Neanderthal seasonality: Application of tooth mesowear and microwear to the Middle Palaeolithic levels from Portel-Ouest (France) and Teixoneres (Spain)

Adeline Schebesch
See me. Feel me. Read me. An experimental approach to reading the body language of the oldest anthropomorphic figurines

Markus Siegeris, Wolfgang Burkert & Harald Floss
Lithic raw material sources of the Swabian Jura

Martin Street & Birgit Gehlen
New AMS dating results for Bedburg-Königshoven aurochs (*Bos primigenius*)

Sebastian Szyja
Backed bladelets from the Magdalenian open air site of Bad Kösen-Lengefeld

Noora Taipale
Stone tool hafting and use in the European Upper Palaeolithic: the first results of the analysis of Gravettian tools from Hohle Fels

Andreas Taller, Boris Gasparyan & Andrew W. Kandel
Latest results from Aghitu-3 Cave, an Early Upper Paleolithic Cave site in the Southern Armenian Highlands

M.J. Walker, D. Anesin, D. E. Angelucci, A. Avilés-Fernández, F. Berna, A. T. Buitrago López, Y. Fernández-Jalvo, M. Haber-Uriarte, M. López-Martínez, A. López-Jiménez, I. Martín Lerma, J. Ortega-Rodrigáñez, S.E. Rhodes, D. Richter, T. Rodríguez-Estrella, J-L Schwenninger, & A.R. Skinner
Playing with Fire: Evidence of fire at the late Early Pleistocene Palaeolithic site of Cueva Negra del Estrecho del Río Quípar (Caravaca de la Cruz, Murcia, Spain)

M.J. Walker, M.V. López-Martínez, M. Haber-Uriarte, A. López-Jiménez, J. S. Carrión-García, A. Avilés-Fernández, A.T. Buitrago López, J. García-Torres, I. Martín Lerma & J. Ortega-Rodrigáñez,
Neanderthal attention to the dead at Sima de las Palomas del Cabezo Gordo (Murcia, Spain)

Thomas Weber
Attribute analysis of flakes from stone inventories: a valuable method also for the Upper Palaeolithic periods in Europe?

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EBERHARD KARLS UNIVERSITÄT TÜBINGEN

Förderverein Eiszeitkunst im Lonetal e.V.

welt kultursprung world origin of culture

Special session:
Symbolic communication and modern culture

Walpurga Antl-Weiser (Wien), Guido Bataille (Köln), Michael Bolus (Tübingen), Nicholas Conard (Tübingen), Sandrine Costamagno (Toulouse), Laure Dayet (Bordeaux), Ewa Dutkiewicz (Tübingen), Francesco d'Errico (Bordeaux), Harald Floss (Tübingen), Claus-Joachim Kind (Esslingen), Susanne Münzel (Tübingen), Akira Ono (Tokyo), Marco Peresani (Ferrara), Britt Starkovich (Tübingen), Yvonne Tafelmaier (Mettmann), Gary Tomlinson (New Haven), Marian Vanhaeren (Paris), Lyn Wadley (Johannesburg), Randall White (New York), Sibylle Wolf (Tübingen)

57. Jahrestagung vom 7.–11. April 2015 in Heidenheim

Hanns Voith Stiftung

Kreissparkasse Heidenheim

Landkreis Heidenheim

Heidenheim an der Brenz

Niederstotzingen Archäopark Vogelherd

umu Urgeschichtliches Museum Blaubeuren