

Inside – Outside

Integrating Cave and Open-Air Archives

International Science Meeting in

Cologne, 06 – 09 April 2016

Organized by the Collaborative Research Centre 806 “Our Way to Europe:
Culture-Environment Interaction and Human Mobility in the Late Quaternary”



2nd Circular

Aims and Scope

The meeting Inside-Outside will bring together international experts from different fields of research, such as geology, geography, geophysics and archaeology. They will present their respective research regarding caves, rock-shelters and open-air sites and will discuss various aspects of data integration.

The meeting starts with two scientific sessions on geoarchaeological and geochronological methods providing the base of reliable correlations between caves and open-air sites in time and space. Building on geoscientific data, the third session has a focus on archaeological case studies, which will shed light on the dynamics behind pattern of land-use including the seasonal mobility of Palaeolithic hunter-gatherers in regions where caves and rock-shelters are found next to open-air sites. Finally the fourth session is intended to explore analytical approaches for data integration and extrapolation of regional findings to broader spatial scale.

Organizers

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Location

The science meeting will be held in Cologne. All sessions will take place at the Department of Geoscience

Main entrance: Pohligstr. 3 (4th floor), 50969 Köln

Side Entrance: Hönninger Weg 100 (4th floor), 50969 Köln

<http://www.uni-koeln.de/uni/plan/interaktiv/> (building number 410)

Wednesday 06 April

Arrival

Registration and check-in

Icebreaker (c. 6.30 p.m. in seminar room Ü3, Institute for Geography, Otto-Fischer-Straße 4, 50674 Köln)

Thursday 07 April

Registration and check-in

Welcome address

Introduction to the Science Meeting "Inside - Outside" (Thomas Hauck, Karin Kindermann, Martin Kehl)

Session 1: Searching for stratigraphical markers

Title to be announced (Simon J. Armitage)

Geoarchaeological approaches to stratigraphy and site formation in caves and rock-shelters of the Mediterranean region (*Diego E. Angelucci*)

"In" and "Out" in the Crimea: Site Formation processes of Middle Paleolithic sites at Kabazi Mountain (*Victor Chabai, Thorsten Uthmeier*)

Interpreting stratigraphic records in archaeological research – a cryptotephra perspective (*Dustin White*)

Linking our records - tephra layers as marker horizons in the Carpathian-Balkan region (*Daniel Veres*)

Pollen taphonomy of cave sediments: what does the pollen record in caves tell us about external environments and how do we assess its reliability (*Christopher Hunt, David Simpson, Marta Fiacconi*)

Undisturbed or disturbed? – Micromorphological indicators for evaluating stratigraphic integrity in Palaeolithic cave sites and rock shelters (*Martin Kehl*)

Discussion Session 1 – Searching for stratigraphical markers

Session 2: Setting the time frame

Potentials and problems of luminescence dating for linking open-air with cave archives
(Christoph Schmidt)

The complementarity of luminescence dating methods illustrated on the Mousterian sequence of the Roc de Marsal: A series of reindeer-dominated, Quina Mousterian layers dated to MIS 3 *(Guillaume Guerin)*

OSL of burned rocks and other novel techniques: How luminescence dating can contribute to archaeological research *(Georgina King)*

Luminescence dating of archaeological sediments – comparing single grain and multiple grain data *(Nicole Klasen)*

A chronological perspective in the dating of nearby cave and open-air Palaeolithic sites: A case study from the Altai, Siberia *(Katherina Douka)*

Archaeomagnetic applications of archaeological interest to the study of caves and open-air sites. Some examples from the Iberian Peninsula *(Ángel Carrancho)*

Discussion Session 2 – Setting the time frame

Friday 08 April

Session 3: Integrating archaeological markers

Late Pleistocene Landscapes of Mt. Damota/SW Ethiopian Highlands – attractive environment or periphery? *(Ralf Vogelsang, Steven Brandt)*

Inside-Outside the Haua Fteah. Trying to ‘move’ 1 million artefacts *(Tim Reynolds)*

Significance of intersite correlations for Late Pleistocene environmental reconstructions and human adaptation: An Example from Egypt *(Karin Kindermann, Olaf Bubbenzer, Philip van Peer)*

Tales of caves and open-air sites: A Levantine perspective *(Erella Hovers)*

(Dis-)Continuity of Late Pleistocene and early Holocene land-use patterns in the Eastern Adriatic *(Thomas Hauck, Wei Chu)*

Bridging prehistoric caves with buried landscapes in the Swabian Jura (South-West Germany) *(Alvise Barbieri, Nicholas Conard, Christopher Miller)*

Taking up the challenge. Methodological and epistemological renewal focused on open-air Palaeolithic sites in northern Iberia *(Alvaro Arrizabalaga)*

Discussion Session 3 – Integrating archaeological markers

Session 4: Integrating spatial context

Correlating cave and open-air stratigraphic sequences: A few case studies from Belgium
(*Stéphane Pirson, Kévin Di Modica, Paul Spagna*)

Speleothems in Central Eastern Europe - What they tell about climate change and human evolution
(*Michael Staubwasser, Christina Montana Puscas*)

Site catchment analysis as a tool for understanding settlement pattern. Case studies from Iberia
(*María de Andrés-Herrero, Daniel Becker, Gerd-Christian Weniger*)

Title to be announced (Stephan Henn, Martin Solich)

Considerations about the relationship between cave art sites and the subsistence system of Magdalenian hunter-gatherer in south-western France
(*Andreas Pastoors*)

Modeling tempos of reoccupation and abandonment in hunter-gatherer sites
(*Steven Kuhn, William Randall Haas*)

Discussion Session 4 – Integrating spatial context

Final Discussion and Closing

Saturday 09 April

Excursion (around 8 a.m. to 4.p.m.)