

General Information

Location:

Museum Mensch und Natur
Schloss Nymphenburg , 80638 München

Contact:

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Registration:

Online registration from 01.05.2014 to 31.08.2014: see
<http://www.for1670-transalpine.uni-muenchen.de>

Registration fee:

50,00 €, the fee includes the reception, dinner and
museum tour on Monday, October 13

Events

- **Sunday, October 12, 2014:**
19:00 „get together“ Dinner
Restaurant „Königlicher Hirschgarten“
Hirschgarten 1
80639 München
- **Monday, October 13, 2014:**
11:30 Registration
18:00 Reception and dinner at the Museum Mensch und Natur
19:00 Guided tour of the museum
(Dinner and guided tour are included in the registration fee)
- **Tuesday, October 14, 2014:**
12:45-14:00 Lunch break
Schlosscafé „Palmenhaus“
Schloss Nymphenburg 43
80638 München

19:00 Dinner
Restaurant „Königlicher Hirschgarten“
Hirschgarten 1
80639 München
- **Wednesday, October 15, 2014:**
12:30 Lunch
Schlosscafé „Palmenhaus“
Schloss Nymphenburg 43
80638 München

Locations:

Museum Mensch und Natur: see
www.musmn.de
Restaurant „Königlicher Hirschgarten“: see
www.hirschgarten.de
„Schlosscafé im Palmenhaus“: see
www.palmenhaus.de



A CRITICAL LOOK AT THE CONCEPT OF ISOTOPIC LANDSCAPES AND ITS APPLICATION IN FUTURE BIOARCHAEOLOGICAL RESEARCH

WORKSHOP OF THE DFG RESEARCH-
GROUP FOR 1670 “Transalpine
Mobility and Cultural Transfer”

<http://www.for1670-transalpine.uni-muenchen.de>

October 13-15, 2014
Museum Mensch und Natur, Munich



Program

Monday, October 13, 2014

- 11:30 **Registration**
- 13:30-14:00 **Workshop Opening**
- Michael Apel**, Director of the Museum Mensch und Natur
Barbara Conradt, Vice president for Research and Diversity, LMU
Gisela Grupe, Speaker of the Research Group FOR 1670
Friedhelm Hoffmann, Speaker of the Archaeobiocenter ^{LMU}

PANEL 1: CREMATIONS, ANTHROPOLOGY AND MINERALOGY

- 14:00-14:45 **Jacqueline McKinley, Salisbury, UK**
Complexities of the ancient mortuary rite of cremation: an osteoarchaeological conundrum
- 14:45-15:30 **Peter Tropper, Innsbruck, AT**
Bones, rocks, and flames: mineralogy and petrology of slags and cremated bones from ritual immolation sites in Tyrol
- 15:30-16:00 **Coffee break**
- 16:00-16:45 **Mark van Strydonck, Brussels, BE**
Radiocarbon dating of cremated finds
- 16:45-17:30 **Wolfgang Schmahl, München, GER**
Mineralogy of archaeological bone
- 17:30-18:00 **Panel discussion**
- 18:00 **Reception and dinner**
- 19:00 **Guided tour of the museum**

Tuesday, October 14, 2014

PANEL 2: ISOTOPIC LANDSCAPES, GEOLOGICAL ASPECTS

- 9:00- 9:45 **James Burton, Madison/WI, USA**
Isotopic landscapes in archaeology: 'local' versus human ⁸⁷Sr/⁸⁶Sr
- 9:45-10:30 **Cheryl Makarewicz, Kiel, GER**
Zooarchaeological isoscapes and tracing the human past: Integrating faunal and stable isotopic analytical approaches
- 10:30-10:45 **Coffee break**
- 10:45-11:30 **Stefan Hölzl, Nördlingen, GER**
Strontium-isoscapes in Peru
- 11:30-12:15 **Andreas Hauptmann, Bochum, GER**
Landscapes of lead isotope ratios? Limits, possibilities
- 12:15-12:45 **Panel discussion**
- 12:45-14:00 **Lunch break (Palmenhaus)**

PANEL 3: ISOTOPIC LANDSCAPES, ECOLOGICAL ASPECTS

- 14:00-14:45 **Christoph Mayr, Erlangen, GER**
Linking oxygen stable isotope records with archaeological results
- 14:45-15:30 **Robert van Geldern, Erlangen, GER**
Hydrogen and oxygen stable isotopes in rivers - spatial and temporal variations
- 15:30-16:00 **Coffee break**
- 16:00-16:45 **Julia Lee-Thorp, Oxford, UK**
The influence of relative humidity on oxygen and carbon isotopes in faunae: implications for palaeoenvironmental reconstructions
- 16:45-17:30 **Matthias Saurer, Villigen, CH**
Stable oxygen isotopes in tree rings: a climate archive
- 16:30-18:00 **Panel discussion**
- 19:00 **Dinner (Hirschgarten)**

Wednesday, October 15, 2014

PANEL 4: DATA PROCESSING

- 9:00- 9:45 **Reinhard Förtsch, Köln, GER**
Automatic digitalization analysis
- 9:45-10:30 **Stefan Ziegler, Frankfurt a. Main, GER**
Assigning elephant ivory with stable isotopes: pitfalls, caveats and risks
- 10:30-11:00 **Coffee break**
- 11:00-11:45 **Peer Kröger, Chris van der Meijden, München, GER**
Managing and mining bioarchaeological data – challenges and solutions
- 11:45-12:15 **Panel discussion**
- 11:45-12:00 **Concluding remarks**
- 12:30 **Lunch (Palmenhaus)**

Round Table Discussion at the Center for Advanced Studies, LMU

Topic: „Biomineralization – Lessons from the past and for the future“

Speakers: James Burton, Madison/WI, USA; Peter Fratzl, Potsdam, GER; Elizabeth Harper, Cambridge, UK; Peter Tropper, Innsbruck, AT

Date: Wednesday, October 15, 2014

Time: 17.15 – 18.45

Location: Center for Advanced Studies, Seestraße 13, 80802 München; www.cas.uni-muenchen.de

This Round Table Discussion is contextually related to the workshop, but is an organizationally independent event. Those who are interested in attending are kindly requested to register at info@cas.lmu.de