

## General Information

### Location:

Museum Mensch und Natur  
Schloss Nymphenburg , 80638 München

### Contact:

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### Registration:

Online registration from 01.05.2014 to 15.09.2014: 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**  
Schloßwirtschaft Schwaige  
Schloß Nymphenburg 30  
80638 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**  
CaféBar Limulus  
Museum Mensch und Natur  
Nördliches Schloßrondell  
  
**19:00 Dinner**  
Schloßwirtschaft Schwaige  
Schloß Nymphenburg 30  
80638 München
- **Wednesday, October 15, 2014:**  
**12:30 Lunch**  
CaféBar Limulus  
Museum Mensch und Natur  
Nördliches Schloßrondell

### Locations:

Museum Mensch und Natur: see  
<http://www.musmn.de>

Schloßwirtschaft Schwaige: see  
<http://www.schlosswirtschaft-schwaige.de>

CaféBar Limulus: see  
<http://www.cafebar-limulus.com>



## 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 <sup>LMU</sup>
- PANEL 1: CREMATIONS, ANTHROPOLOGY AND MINERALOGY**  
Chair: Gisela Grupe
- 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**  
Chair: Christoph Mayr
- 9:00- 9:45      **James Burton, Madison/WI, USA**  
*Isotopic landscapes in archaeology: 'local' versus human <sup>87</sup>Sr/<sup>86</sup>Sr*
- 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      **Igor Villa, Bern, CH**  
*Landscapes of lead isotope ratios? Exclusions, inclusions, unicity, and Occam's razor.*
- 12:15-12:45      **Panel discussion**
- 12:45-14:00      **Lunch break (Cafébar Limulus)**
- PANEL 3: ISOTOPIC LANDSCAPES, ECOLOGICAL ASPECTS**  
Chair: Stefan Hölzl
- 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 (Schloßwirtschaft Schwaige)**

## Wednesday, October 15, 2014

- PANEL 4: DATA PROCESSING**  
Chair: Hans-Peter Kriegel
- 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 (Cafébar Limulus)**

### Round Table Discussion at the Center for Advanced Studies, LMU

**Topic:** „Biom mineralization – Lessons from the past and for the future“

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

**Date:** Wednesday, October 15, 2014

**Time:** 17.15 – 18.45

**Location:** Center for Advanced Studies, Seestraße 13, 80802 München; [www.cas.uni-muenchen.de](http://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](mailto:info@cas.lmu.de)