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**International  
Conference**  
24. - 26.03.2010

**Venue**

Henry-Ford-Bau der Freien Universität Berlin  
Hörsaal D | Lecture room D  
Garystraße 35 | 14195 Berlin-Dahlem



**Migrations  
in Prehistory  
and Early  
History**

**Stable  
Isotopes and  
Population  
Genetics – New  
Answers to Old  
Questions?**

## Mi., 24.03.2010

### Welcome

- 9:30 Speaker of the Excellence Cluster TOPOI, Dean of the Department Geschichts- und Kulturwissenschaften
- 9:50 Introduction by the Organizers: W. Schier
- Overviews
- 10:00 T. D. Price (Madison, USA): *Isotopes and Mobility: Case Studies with Large Samples*
- 10:40 **Coffee break**
- 11:10 J. Burger (Mainz), R. Bollongino (Mainz), M. G. Thomas (London), B. Bramanti (Mainz): *Migration of LBK farmers and their domestic animals into Central and Northern Europe.*
- 11:50 M. G. Thomas (London): *Of Models and Myths: Historical Inference Using Computer Simulation*
- 12:30 **Lunch**
- Meso- and Neolithic
- 14:00 P. Bickle (Cardiff), A. Whittle (Cardiff), L. Fibiger (Cardiff), A. Bentley (Durham), G. Pearson (Durham), R. Hedges (Oxford), D. Hofmann (Oxford), L. Reynard (Oxford): *The First Farmers in Central Europe: Recognizing Population Mobility from Stable isotopes*
- 14:30 R. Turck (Heidelberg), J. Fillauer (Heidelberg), J. Kontny (Heidelberg), B. Kober (Heidelberg), A. Zeeb-Lanz (Speyer): *"Widely travelled people" in Herxheim? First data collected by isotopic research*
- 15:00 I. Potekhina (Kiev), M. Lillie (Hull), Ch. Budd (Hull): *Population Migration and Stable Isotope Studies of Mesolithic and Neolithic Populations in Ukraine .*
- 15:30 **Coffee break**
- Palaeogenetics
- 16:00 M. Raghavan (Copenhagen), M. Th. P. Gilbert (Copenhagen), E. Willerslev (Copenhagen): *Prehistoric Migrations into the New World High-Arctic: A Genetic Perspective*
- 16:30 L. Fehren-Schmitz (Göttingen): *Population Dynamics, Cultural Evolution and Climate Change in Pre-Columbian Western South America: An Example for the Integration of Ancient DNA Studies into the Transdisciplinary Investigation of Prehistoric Men-Environment-Systems*
- Theory and overviews
- 17:00 Y. Itan (London), A. Powell (London), M. A. Beaumont (London), J. Burger (Mainz), M. G. Thomas (London): *The Origins of Lactase Persistence in Europe*
- 17:30 O. Craig (York): *Migrating Farmers in Southern Scandinavia and Northern Germany and Their 'New' Cuisine?*
- 19:30 **Dinner**

## Do., 25.03.2010

### Late Neolithic/Bronze Age

- 9:00 C. Gerling (Berlin), E. Kaiser (Berlin), H. Parzinger (Berlin), W. Schier (Berlin): *Identifying Mobility Patterns in the Eurasian Steppe Using Isotope Analysis (3rd and 1st Mill. B.C.)*
- 9:30 V. Heyd (Bristol), A. Pike (Bristol): *The 4th and 3rd Millennia BC in Europe: Mobility and Isotopes*
- 10:00 N. Shishlina (Moscow), V. Sevastyanov (Moscow), R. Hedges (Oxford): *Isotope Ratio Study of Bronze Age Samples from the Eurasian Steppes.*
- 10:30 V.I. Molodin (Novosibirsk), A.S. Pilipenko (Novosibirsk), A.G. Romaschenko (Novosibirsk), A.A. Jhuravlev (Novosibirsk), R.O. Trapezov (Novosibirsk), T.A. Chikisheva (Novosibirsk), D.V. Pozdnyakov (Novosibirsk): *Migrations in the South of the West Siberian Plain during the Bronze Age (4th-2nd millenium BC): Archaeological, Paleogenetic and Anthropological Data.*
- 11:00 **Coffee break**
- 11:30 J. Irrgeher (Vienna), D. Kern (Vienna): *Late Neolithic Graves from the Traisen Valley, Lower Austria: Archaeology and 87Sr/86Sr Isotope Analysis using MC-ICP-MS*
- 12:00 J. K. Koch (Leipzig): *Object Transfer and Individual Mobility in the Early Bronze Age. Perspectives of an Archaeological Analysis*
- 12:30 V. M. Oelze (Leipzig), M. Richards (Leipzig): *Early Bronze Age Couch Potatoes – Is There Evidence for Mobility at the Bronze Age Site of Singen?*
- 13:00 **Lunch**
- Theory and overviews
- 14:30 A. Powell (London): *Demography and the Origins of Modern Human Behaviour*
- 15:00 M. Currat (Geneva): *Consequences of Population Expansions on European Genetic Diversity*
- Bronze Age and Iron Age
- 15:30 A. Nafplioti (Athens): *Late Minoan IB (LMIB) Destructions and Cultural Discontinuity on Crete: Integrated Biodistance and 87Sr/86Sr Analyses*
- 16:00 H. Hornig (Berlin): *Oxygen Isotope Analysis of Human Remains from a Cemetery in East Syria (Achaemenian & Parthian/Roman period)*
- 16:30 **Coffee break**
- Iron Age
- 17:00 M. Vohberger (Munich): *Migration in the La Tène Period - Stable Strontium and Oxygen Isotopes Keep Track of Celtic Movement*
- 17:30 K. W. Alt (Mainz), M. Hauschild (Mainz), M. Scheeres (Mainz): *Mobility and Migration in the Early La Tène Cemetery of Gäufelden-Nebringen (Baden-Württemberg). Archaeological and Biogeochemical Analyses*
- Theory and overview
- 18:10 O. Nehlich (Leipzig), M. P. Richards (Leipzig): *Sulphur Isotope Ratios in Human Bone Collagen as a Measure of Past Mobility and Migration*
- Evening lecture
- 19:00 H. Parzinger: *Migrations and Mobility – Case Studies of the Scythian Period from the Eurasian Steppes*

## Fr., 26.03.2010

### Middle Age

- 9:00 D. Peters (Mainz), A.-F. Maurer (Mainz), C. Knipper (Mainz), U. von Freedon (Frankfurt/M.), B. Schöne (Mainz), K. W. Alt (Mainz): *The Interdisciplinary BMBF-Langobards Project: Archaeology, Geology, Isotope Research*
- 9:40 G. Grupe (Munich), S. Eickhoff (Zossen), A. Grothe (Zossen), B. Jungklaus (Berlin), A. Lutz (Munich): *Missing in Action During the 30 Years' War: Provenance of Soldiers from the Wittstock Battlefield, October 4, 1636. An Investigation of Stable Strontium and Oxygen Isotopes*
- 10:10 **Coffee break**
- Animals
- 10:45 Keynote lecture G. Larson (Durham): *Pig Domestication, Migration, Replacement, and Hybridization: Narratives from Across the Old World*
- 11:15 A. Scheu (Mainz), Ch. Rütze (Mainz), J. Burger (Mainz), N. Benecke (Berlin): *The Arrival of Domestic Animals in South-Eastern Europe*
- 11:45 E. Stephan (Konstanz): *Strontium Isotopes in Faunal Remains. Evidence of the Strategies for Land Use at Iron Age Sites in West and Southwest Germany*
- 12:15 R. Madgwick (Cardiff), J. Mulville (Cardiff), J. Evans (Keyworth): *Investigating Diagenesis and the Suitability of Porcine Enamel for Strontium (87Sr/86Sr) Isotope Analysis*
- 12:45 **Lunch**
- 14:30 B. Krause-Kyora (Kiel): *The Flying Pig, Migration or Transfer of Ideas in Prehistory: Molecular Genetic and Archaeological Investigations of Mesolithic and Neolithic Pigs (Sus scrofa).*
- 15:00 M. Leonardi (Mainz), Ch. Weber (Mainz), N. Benecke (Berlin), M. G. Thomas (London), J. Burger (Mainz): *Ancient DNA and Horse Domestication*
- 15:30 P. Gerbault (London), M. Thomas (London): *Goat Domestication Process Inferred from mtDNA Sequences*
- 16:00 **Coffee break**
- 16:30 **Postersession**
- 17:30– **Closing discussion**
- 18:30