

- 10:00 – 10:30 S. Peters (Frankfurt): *Soil Microbiological Investigations in Archaeological Context*
- 10:30 – 11:00 L. Plekhanova (Pushchino): *Palaeosoil Studies of Bronze Age Settlement and Mine Dumps in the Guberlinski Mountains*
- 11:00 – 11:30 Coffee break
- 11:30 **Section 7: Comparative Studies**
- 11:30 – 12:00 J. Gippert (Frankfurt): *Technology and the Migration of Peoples - The Chariot's Impact on the Expansion of the Indo-Europeans*
- 12:00 – 12:30 N. Benecke (Berlin): *Animal Domestication and Herd Management in Pastoralist Communities of Central Asia – New Archaeozoological and Palaeogenetic Data*
- 12:30 – 13:00 J. Mei (Peking): *Bronze Mirror, Gold Collar and Gold-inlayed Iron Objects – Evidence for Steppe Connections seen at the Majiayuan Cemetery in Gansu, China*
- 13:00 – 14:30 Lunch
- 14:30 – 15:00 S. Reinhold (Berlin), A. Belinskij (Stavropol), D. Korobov (Moscow), J. Fassbinder (Munich): *Remote Sensing - Geophysics - Excavation. Results of an Interdisciplinary Investigation in a Caucasian Mountain Landscape of the Bronze Age*
- 15:00 – 15:30 N. Boroffka (Berlin): *The Bronze Age Royal City of Gonur Depe (Turkmenistan): New Research*
- 16:00–17:30 *General Discussions and Conclusions*  
(A. Harding, Exeter)
- 18:00 **Closing Dinner**

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International Conference

The Environmental and Cultural  
Development during the Bronze  
Age in the Southern Urals

Frankfurt, 7 – 9 March 2013



Goethe-Universität Frankfurt  
Campus Westend, Hörsaalzentrum, HZ10  
Grüneburgplatz 1  
60323 Frankfurt am Main



## Conference Programme

### Thursday, 7 March 2013

09:00 Registration

09:30 Opening ceremony

Prof. Dr. Dr. M. Lutz-Bachmann,  
Goethe-Universität Frankfurt am Main

Dr. H.-D. Bienert, Deutsche  
Forschungsgemeinschaft Bonn (DFG)

10:00 Section 1: Introduction/General Topics

10:00 – 10:30 L. Koryakova (Yekaterinburg): *Introduction to the German-Russian Research Project*

10:30 – 11:00 R. Krause, J. Fornasier (Frankfurt): *New Research in the Karagaily Ayat Region*

11:00 – 11:30 Coffee break

11:30 – 12:00 E. Kaiser (Berlin): *Man and Environment in the 3rd Millennium BC north of the Black Sea*

12:00 – 12:30 M. Frachetti (St. Louis): *New Chronological Details and Bronze Age Innovations from Semirech'ye, Kazakhstan*

12:30 – 14:30 Lunch

14:30 Section 2: Metallurgy

14:30 – 15:00 Th. Stöllner (Bochum), A. Gontcharov (Bochum), Z. Samashev (Astana), M. Bode (Bochum), M. Prange (Bochum): *Metal Ore Mining and Metals: New Results from East and Central Kazakhstan*

15:00 – 15:30 M. Ankushev, V. Zaykov, A. Yuminov (Miass): *The Bronze Age Metallurgy of the Southern Urals: Copper Ore Sources*

15:30 – 16:00 R. Krause (Frankfurt), A. Yuminov (Miass): *Archaeometallurgy in the Karagaily Ayat Region*

16:00 – 16:30 Coffee break

16:30 Section 3: Remote sensing and geophysical research in the Trans-Urals

16:30 – 17:00 D. Knoll, I. Marzloff (Frankfurt): *The Role of Satellite Imagery in Bronze Age Research in the Southern Urals*

17:00 – 17:30 A. Patzelt (Mössingen): *Results of Geomagnetic Prospection at the Fortified Settlements of Kamennyi Ambar, Konoplyanka and Kuisak*

17:30 – 18:00 V. Noskevich, N. Federova (Yekaterinburg): *Results of Geomagnetic Prospection at the Fortified Settlement Sarym-Sakly and GPR Survey of Old Copper Mine Vorovskaya Yama*

19:00 Public Lecture

*M. Frachetti (St. Louis): Local and Global Innovations of Bronze Age Eurasian Civilization*

Reception buffet

### Friday, 8 March 2013

09:30 Section 4: The fortified settlements in the Trans-Urals

09:30 – 10:00 B. Hanks (Pittsburgh), R. Doonan (Sheffield): *Research Results from 2007-2012 by the Sintashta Collaborative Archaeology Research Project at the Fortified Settlements of Stepnoye and Ust'ye*

10:00 – 10:30 S. Sharapova, N. Soldatkin (Yekaterinburg): *Archaeological Excavation of the Konoplyanka Fortified Settlement*

10:30 – 11:00 A. Epimakhov (Chelyabinsk), R. Krause (Frankfurt): *Relative and Absolute Chronology of the Kamennyi Ambar Settlement*

11:00 – 11:30 Coffee break

11:30 – 12:00 A. Epimakhov, N. Berseneva (Chelyabinsk), S. Sharapova (Yekaterinburg): *Fortification Lines of the Kamennyi Ambar Settlement*

12:00 – 12:30 J. Fornasier (Frankfurt), L. Koryakova, S. Sharapova (Yekaterinburg): *Architecture of the Kamennyi Ambar Settlement*

12:30 – 13:00 I. Molchanov (Yekaterinburg): *The Inventory Complex and Economical Activities of Residents of the Kamennyi Ambar Settlement*

13:00 – 15:00 Lunch

15:00 – 15:30 S. Panteleyeva (Yekaterinburg), Ch. Scholz (Frankfurt): *The Sintashta Pottery of the Kamennyi Ambar Settlement*

15:30 Section 5: Botany & Archaeozoology

15:30 – 16:15 A. Stobbe, L. Rühl (Frankfurt): *Reflections on Landscape, Climate and Diet in the Trans-Urals during the Bronze Age*

16:15 – 16:45 Coffee break

16:45 – 17:15 E. Lapteva (Yekaterinburg): *Pollen and Plant Macrofossil Data from Cultural Layers of the Bronze Age Archaeological Sites in the Southern Urals*

17:15 – 17:45 P. Kosintsev, A. Rassadnikov, O. Bachura (Yekaterinburg): *The Bone Remains of Animals from the Kamennyi Ambar Settlement*

### Saturday, 9 March 2013

09:30 Section 6: Geomorphology

09:30 – 10:00 H. Thiemeyer (Frankfurt): *Landscape Development and Soils around Kamennyi Ambar*