



International Conference

Resources and Transformation in Pre-modern Societies

19–21 November 2020

11 December 2020

15 January 2021

Bochum

Programme

The conference schedule is in CET

Thursday 19 November 2020

Venue: Online

17.45-18.00 Welcome

18.00-19.30 Roland Hardenberg (University of Frankfurt & Frobenius Institut Frankfurt)
Evening Lecture: *Different perspectives on resources: some methodological and theoretical considerations*

Friday 20 November 2020

Venue: Online

Life worlds in resource landscapes

- 9.00-9.05 Thomas Stöllner^{1,2}, Yiu-Kang Hsu¹, Peter Thomas¹ (¹German Mining Museum Bochum; ²Ruhr University of Bochum)
Introduction: *Life Worlds in Resource Landscapes*
- 9.05-9.30 Timothy LeCain (Montana State University)
Keynote: *Resources as Life Worlds: How Do Material Resources Shape Lives and Minds?*
- 9.30-09.45 Mark Pearce (University of Nottingham)
Caves and Rock Shelters, Burials and Smelting
- 09.45-09.55 Coffee Break @your kitchen (the virtual room will remain open for questions and answers)
- 09.55-10.10 Raphael A. Eser (Humboldt University of Berlin)
Life and Work in the Ancient Iron Smelting Landscape of Elba Island
- 10.10-10.25 Tina Asmussen (Ruhr University of Bochum)
Resource Landscapes of Sixteenth and Early Seventeenth-Century Mining
- 10.25-10.40 Lena Asrih (German Mining Museum Bochum)
Knowing Stones. Handling Deposits 1000 to 1500 – Reflections on a History of Knowledge of Mineable Georesources
- 10.40-11.20 Coffee Break @your kitchen & Round table

Saturday 21 November 2020

Venue: Online

Skill, Embodiment and the Growth of Knowledge

- 9.00-9.05 Constance von Rüden¹ & Maja Gori^{1,2} (¹Ruhr-University of Bochum; ²National Research Council of Italy)
Introduction: *Skill, Embodiment and the Growth of Knowledge*
- 9.05-9.30 Trevor Marchand (SOAS University of London)
Keynote: *Boat-building, Experimental Archaeology and the Indispensability of Hands-on Know-how*
- 9.30-09.55 Maikel Kuijpers (University of Leiden))
Keynote: *Materials and Skills in the History of Knowledge – a Bronze Age example*
- 09.55-10.05 Coffee Break @your kitchen (the virtual room will remain open for questions and answers)
- 10.05-10.20 Nadja Melko (Archaeolytics, St. Gallen)
Knowledge, Skill and Senses
- 10.20-10.35 Sarah Finlayson¹ & Julia Wild² (¹University of Heidelberg; ²Trier University of Applied Sciences)
Knowledge is a Scarce Resource: a Comparative Exploration of Communities of Practice and the Transmission of Knowledge Amongst Small-scale Stone and Gem Workers in the Bronze Age Aegean and Idar-Oberstein, Germany, from Early Modern Times until the Present Day
- 10.35-10.50 Nikolas Papadimitriou¹ & Akis Goumas² (¹University of Heidelberg; ²Harvard Center for Hellenic Studies)
Innovation and the Relational Aspects of Skill
- 10.50-11.05 Tryfon Giagkoulis (Aristotle University of Thessaloniki)
The Wooden Structures of The Neolithic Wetland Habitation Anarghiri Ixb (Western Macedonia, Greece): Ways to do, Ways to be
- 11.05-11.45 Coffee Break @your kitchen & Round table

Friday 11 December 2020

Venue: Online

General session

- 9.00-9.05 Thomas Stöllner^{1,2}, Constance von Rüden²,
(¹German Mining Museum Bochum; ²Ruhr University of Bochum)
Introduction: *General & Poster Session*
- 9.05-9.20 Leandra Reitmaier-Naef¹, Thomas Reitmaier² and Martin P. Schindler³
(¹Deutsches Bergbau-Museum Bochum, ²Archaeological Service of the
Canton of Grisons, ³Archaeological Service of the Canton of St.Gallen)
*Dynamic Resourcescapes. Bronze Age metal exploitation, production and distribution in
the Central Alps*
- 09.20-09.35 David Brönnimann^{1,2}, Johannes Wimmer³, Milena Müller-
Kissing⁴, Barbara Stopp¹ & Hannele Rissanen² (¹University of Basilea;
²Archäologische Bodenforschung des Kantons Basel-Stadt; ³University of
Bern; ⁴Ruhr-University of Bochum)
*Urban Mining? - A New Look at Taphonomic Processes as Key to the Reconstruction of
Waste and Resource Management in Later La Tène Society*
- 09.35-09.55 Coffee Break @your kitchen & Discussion

Poster Session

- 09.55-10.05 Abdelmoniem M. Abdelmoniem Gomaa (Fayoum University)
Black Resin in Funerary Equipment in New Kingdom and Deterioration Phenomena
- 10.05-10.15 Raffaella Da Vela (University of Tübingen)
*Thinking Transhumance and Agriculture in Irpinia as Dynamic Networks of Resources
(5th Century BCE–1st Century CE)*
- 10.15-10.25 Rouven Turck & Carlo Nüssli (University of Zürich)
*Copper Technology from the East? Knowledge Transfer to the Central Alps (Grisons,
Switzerland)*
- 10.25-10.35 Todor Valchev (Regional Historical Museum – Yambol)
Spondylus Ornaments from Prehistoric Settlement Mound near Drama Village, Bulgaria
- 10.35-11.00 Coffee Break @your kitchen, Discussion & Poster Award

Friday 15 January 2021

Venue: Online

Resources and Complex Systems

- 9.00-9.05 Michael Roos¹, Frank Hillebrandt² & Frederik Schaff¹ (¹Ruhr University of Bochum; ²Fern University of Hagen)
Introduction: *Resources and Complex Systems*
- 9.05-9.30 Iza Romanowska (Aarhus University)
Keynote: *Agent-based modelling as a paradigm shift in archaeological research*
- 9.30-09.55 Angelos Chliaoutakis (Technical University of Crete)
Keynote: *Methodological Approaches towards Simulation and Modeling Social Organization of Past Societies*
- 09.55-10.05 Coffee Break @your kitchen (the virtual room will remain open for questions and answers)
- 10.05-10.20 Dries Daems & Stef Boogers (University of Leuven)
Simulating Resource Exploitation Strategies in Iron Age to Hellenistic Communities in Southwest Anatolia
- 10.20-10.35 Martin Neumann (University of Mainz)
A Replication of a Resource-Based Model of the Emergence of the State
- 10.35-10.50 Gerrit Günther¹, Daniel Knitter¹ & Thomas Clemen² (¹University of Kiel; ²Hamburg University of Applied Sciences)
The Role of Agropastoralism in Ancient Pergamon – An Agent-based Modelling Approach
- 10.50-11.10 Coffee Break @your kitchen (the virtual room will remain open for questions and answers) and Discussion
- 11.10-12.00 **Final Plenary Discussion**