



» **INEQUALITIES IN  
SUPRA-REGIONAL  
EURASIAN EXCHANGE  
NETWORKS** «

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**2-4 December 2021**

*The event will be held in a hybrid form at  
Audimax CAP2 – Hörsaal C at Kiel University  
and virtually on ZOOM\**

*Exchange networks structure and development are essential for explaining social and economic inequalities. The conference aims to detect those inequalities within the distribution of sourced raw materials over time and space. It centres on large-scale exchange networks from the Neolithic to the Iron Age.*

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*Guiding questions are:*

- How can different networks be defined?*
- How can network data be organized for further analysis?*
- What methodological possibilities arise from these large-scale observations?*
- Where are new perspectives for social and economic interpretations of prehistoric exchange networks?*

*The conference will bring together researchers from a large array of different expertise, regions and periods.*

## **THURSDAY, 2 DECEMBER 2021**

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- 09:00 **Welcome**  
Prof. Johannes Müller (Roots/Kiel)
- 09:15 **Big Exchange: Towards a network for networks of networks**  
PD Dr. Tim Kerig (ROOTS/Kiel),  
Dr. Johanna Hilpert (ROOTS/Kiel)
- 10:00 **Characterizing Resource Networks through Point Pattern Analysis and Unsupervised Data Mining Techniques**  
Steffen Strohm (CRC 1266 Scales of Transformation/Kiel)

*10:45 – 11:15 Coffee Break*

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- 11:15 **Inland and maritime paths of Neolithisation in the Central and Western Mediterranean. The case of the submerged site of 'La Marmotta' (Anguillara Sabazia, Rome, Italy)**  
Dr. Niccoló Mazzucco (Università di Pisa/Pisa),  
Dr. Juan F. Gibaja (EEHAR-CSIC/Rome)
- 12:00 **Various forms of distant contacts: from family exchanges to migrations....Circulation networks at the cusp to the Vè millennium in North-Western Europe.**  
Dr. Solène Denis (Masarykova univerzita/Brno)

*12:45 – 14:15 Lunch Break*

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- 14:15 **Grand Pressigny (working title)**  
Dr. Nicole Mallet (AMGP/Le Grand Pressigny)
- 15:00 **Ivory Exchange Networks during the Chalcolithic and Early Bronze Age of the Iberian Peninsula**  
PD Dr. Thomas X. Schumacher (DAI/Madrid)
- 15:45 **Discussion**
- 18:00 **Reception**
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## **FRIDAY, 3 DECEMBER 2021**

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- 09:15 **Circulation of Alpine jade axeheads in Neolithic Europe: network and flow modelling of an 'object-sign'**  
Dr. Estelle Gauthier, Dr. Pierre Pétrequin (MSHE Claude Nicolas Ledoux/Besançon and UMR CNRS 6249)
- 10:00 **Oxhide ingots and the Late Bronze Age metal trade in Europe and the Mediterranean**  
Dr. Serena Sabatini (University of Gothenburg/Gothenburg)

*10:45 – 11:15 Coffee Break*

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- 11:15 **Hot spots and gaps of tin bronze procurement – why equality was never an option**  
Dr. Bianka Nessel (Johannes Gutenberg-Universität/Mainz)

12:00 Tracing tin sources in the Bronze Age: Possibilities and limitations in using tin isotopes and alternative approaches for reconstructing metallurgical networks  
Dr. Daniel Berger (CEZA/Mannheim)

12:45 – 14:15 *Lunch Break*

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14:15 Amber Networks in the European Bronze Age  
Benjamin Serbe (ROOTS/Kiel)

15:00 A multiscale approach to pre-monetary exchange networks: a case study from Early Bronze Age Anatolia  
Dr. Michele Massa (University of Chicago/Chicago)

15:45 Types of inequality, trade networks and measuring materials  
Dr. Toby Wilkinson (ICAC/Tarragona)

16:30 Final Discussion

19:00 *Conference Dinner*

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#### **SATURDAY, 4 DECEMBER 2021**

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9:00 Internal Roundtable

12:30 – 14:00 *Lunch break*

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14:00 - 18:00 Field trip

19:00 Informal get-together

**\* Due to the pandemic, access to the conference venue is currently restricted to the speakers. External audiences are welcome to attend the meeting via ZOOM and to participate in the discussion.**

#### **ORGANIZATION AND CONTACT**

For access to the zoom conference please contact:

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