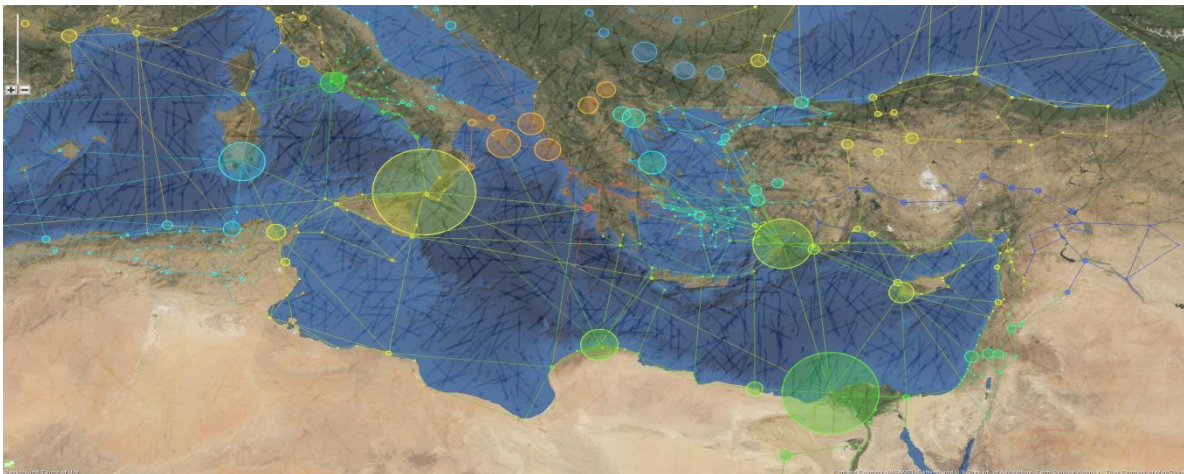


ENTANGLED WORLDS - VERFLOCHTENE WELTEN

How did “social networks” of the past work?

“Social networks” such as facebook demonstrate the global entanglements of the present time on an impressive scale. New methods of Digital Humanities, social sciences and mathematics allow us also to analyse and visualise networks of past societies. The exploration of the complexity and resilience of these social structures is the aim of the conference “Entangled Worlds” of the Institute for Medieval Research and the Austrian Archaeological Institute of the Austrian Academy of Sciences. Historians, archaeologists, computer and natural scientists will compare past entanglements in geographical regions from the Austrian Alps via ancient Palmyra in Syria to the Himalaya or the social network of a major of late medieval Vienna sentenced to death with the one of a printer in 13th century China. A special focus lies on the relevance of networks in situations of social conflict.

Website: <http://www.dasanderemittelalter.net/conference-entangled-worlds/>



Wednesday, April 13th/Mittwoch, 13. April

Venue/Ort: tba

17:00-17:15

Entangled Worlds. Network analysis and complexity theory in historical and archaeological research – *Opening and Welcome*

- Sabine Ladstätter, Österreichisches Archäologisches Institut – Johannes Preiser-Kapeller, IMAFO, Austrian Academy of Sciences

17:15-18:00

Facebook im Mittelalter? Die Bedeutung und Analyse sozialer Netzwerke in der Gegenwart und Vergangenheit/Facebook in the Middle Ages? The relevance and analysis of social networks in past and present times – *Publikumsgespräch/Open discussion with the audience*

- Harald Katzmaier, FAS-Research, Vienna
- Johannes Preiser-Kapeller, IMAFO, Austrian Academy of Sciences
- Moderation: Lothar Bodingbauer, Ö1-Radio

18:00-19:00

Short presentations and Hands on/Kurzpräsentationen und praktische Vorführung – Projects on past entanglements, digital humanities and open data

Thursday, April 14th/Donnerstag, 14. April

Venue/Ort: Institut für Mittelalterforschung, ÖAW, Hollandstraße 11-13/3.Stock, 1020 Wien

09:00-10:30

Entangling texts and people: the modelling and analysis of networks on the basis of textual evidence and narratives, I

- Robert Gramsch, Friedrich-Schiller-Univ. Jena (Germany)
 - „Urkunden, Briefe, Chroniken – der Informationsgehalt mediävistischer Quellen und seine angemessene netzwerkanalytische Modellierung“
- Gerhard Lubich, Ruhr-Univ. Bochum (Germany)
 - „Probebohrungen: Zur Wechselwirkung von Überlieferungsart und Analysemöglichkeit“
- Hervin Fernandez-Aceves, Univ. of Leeds (UK)
 - „The Uncharted Networks of a 'Chartered' Territory: Diplomatic Evidence and Relational Sociology for the Norman Kingdom of Sicily“

10:30-10:45 **Coffee break/Kaffeepause**

10:45-12:15

Entangling texts and people: the modelling and analysis of networks on the basis of textual evidence and narratives, II

- Ekaterini Mitsiou, Univ. of Vienna (Austria)
 - „Village communities in 13th century Byzantium: networks and microstructures“
- Petra Heinicker, IMAFO, Austrian Academy of Sciences
 - „Ständeopposition gegen Friedrich III.: Der Mailberger Bund von 1451/52“
- Sonja Dünnebeil, IMAFO, Austrian Academy of Sciences
 - „Fraktionen und Allianzen im Kampf von Maximilian I. um Burgund“

12:15-13:30 **Lunch/Mittagspause**

13:30-15:00

Entangling texts and people: the modelling and analysis of networks on the basis of textual evidence and narratives, III

- Lieve van Hoof, Univ. Gent (Belgium)
 - „Networks, Networking, and Social Network Analysis: An Exploration through Libanius' Letters“
- Franz Julius Morche – Mingkin Chu, Univ. Leiden (Netherlands)
 - „Printing and Power: the networks of Chen Qi (1186-1256) and Robert Estienne (1503-1559) in comparative perspective“
- Marios Chatzopoulos, Panteion Univ., Athens (Greece)
 - „The Friendly Society (Philike Hetaireia): Analysing a Post-Napoleonic Europe's Secret Revolutionary Network“

15:00-15:15 **Coffee break/Kaffeepause**

15:15-16:45

Entangling sites and artefacts: the modelling and analysis of networks on the basis of archaeological and historical evidence, I

- Michael Kerschner, Österreichisches Archäologisches Institut, Austrian Academy of Sciences
 - *tba*
- Søren Sindbæk, Univ. Aarhus (Denmark)
 - „A complex beadwork. Stringing together early medieval exchange“
- Rainer Simon, Austrian Institute of Technology, Vienna
 - „Pelagios: Linking Places, Entangling Data“

17:00-19:00 **Guided tour through the city centre of Vienna** (with J. Preiser-Kapeller, optional)

19:00 **Dinner for participants and chairs** (optional; venue *tba*)

Friday, April 15th/Freitag, 15. April

Venue/Ort: Institut für Mittelalterforschung, ÖAW, Hollandstraße 11-13/3.Stock, 1020 Wien

09:00-10:30

Entangling texts and people: the modelling and analysis of networks on the basis of textual evidence and narratives, IV

- Elisabeth Gruber, IMAREAL Krems, Univ. Salzburg
 - „Schauplatz Richtstätte: Ein Wiener Bürgermeister zwischen städtischer Führungselite, Handwerker und Herrscherhaus im späten Mittelalter“
- Petr Elbel – Přemysl Bar, Univ. Brno (Czech Republic) - IMAFO, Austrian Academy of Sciences
 - *tba*
- Günter Katzler, IMAFO, Austrian Academy of Sciences
 - „Koalitionen im Krieg von Kaiser Sigismund gegen Herzog Friedrich IV. von Tirol“

10:30-10:45 **Coffee break/Kaffeepause**

10:45-12:15

Entangling sites and artefacts: the modelling and analysis of networks on the basis of archaeological and historical evidence, II

- Vinod Nautiyal, HNB Garhwal University (India)
 - „Medieval Political and Military Space in Central (Garhwal) Himalaya, India: Studying Changing Networking Pattern in Mountains through GIS Tools“
- Katharina Winckler, IMAFO, Austrian Academy of Sciences
 - „Old Networks, New Networks: the Establishment of Ecclesiastical Territory in Early Medieval Bavaria. A Case Study for the Project "Digitising Patterns of Power"“
- Eivind Heldaas Seland, Univ. Bergen (Norway)
 - „Modelling connectivity in the Palmyra region by GIS and networks, a hydrological approach“

12:15-13:30 **Lunch/Mittagspause**

13:30-15:00

Entangling data: the organisation of relational data on the basis of historical and archaeological evidence

- Stefan Eichert – Alexander Watzinger, IMAFO, Austrian Academy of Sciences
 - „OpenAtlas - A database system for object oriented modelling of historical relationships“
- Christian Knüpfer, Friedrich-Schiller-Univ. Jena (Germany)
 - „Zur Ontologie der mittelalterlichen Verfassungs- und Sozialgeschichte- Herausforderungen aus Sicht der Wissensrepräsentation“
- Ágoston Zénó Bernád – Maximilian Kaiser, INZ/ÖBL, Austrian Academy of Sciences
 - „Building the Austrian Prosopographical Information System (APIS). A Workshop Report“

15:00-15:15 **Coffee break/Kaffeepause**

15:15-16:45

Entangling dynamics: the modelling of complex past societies and networks

- Tom Brughmans, Univ. Konstanz (Germany)
 - „The potential of network science for archaeology. Illustrated through a network model of market integration in the Roman economy“
- Aleš Chalupa – Tomáš Glomb, Univ. Brno (Czech Republic)
 - „Generative Historiography of Ancient Religions and the Case of Travelling Deities: How to Model the Spread of Cults in the Ancient Mediterranean“
- Johannes Preiser-Kapeller, IMAFO, Austrian Academy of Sciences
 - „Mapping Medieval Conflicts. A synthetic approach towards political dynamics in the pre-modern period“

16:45-17:30 **Final Discussion, Farewell/Abschlussdiskussion, Verabschiedung**