Archaeologists use different methods for visualizing their data – for analysis and for presentation. The international spring school will discuss successful ways to visualize these data and challenges and successes in the application of both GIS and network analysis (NA). Through an integration between theory, studies, and tutored practice, we aim to access the two learnt methods to each participant for independent use.

**MONDAY 4.4.22: OPEN FOR THE PUBLIC**

**09:30-10:30 • Registration for workshop participants**

**10:30-12:00**

Introduction to the Spring School + The Importance of (good) Data Visualization in Humanities (part 1)

*Sébastien DE VALERIOLA* (Université libre de Bruxelles & ICHEC)

**12:30-14:00**

The Importance of (good) Data Visualization in Humanities (part 2)

*Sébastien DE VALERIOLA* (Université libre de Bruxelles & ICHEC)

**15:00-16:30 • Keynote**

From Mapping to Geospatial Modelling in Archaeology: Where Do We stand, and Where to Go Next?

*Philip VERHAGEN* (Vrije Universiteit Amsterdam)

**17:00-18:30 • Keynote**

Archaeology, Materiality and Geo-Space Half a Century after the “Spatial Turn”

*Piraye HACIGÜZELER* (Universiteit Antwerpen)

**TUESDAY 5.4.22: GIS WORKSHOP (9:30-17:30)**

*Sjoerd VERVUST* (Vrije Universiteit Brussel), *Hagit NOL*,
Jean VANDEN BROECK-PARANT, Mostafa ALSKAF
(Université libre de Bruxelles)

**WEDNESDAY 6.4.22: OPEN FOR THE PUBLIC**

**10:30-12:00**

Network Analysis: Definitions and Basic Concepts

*Nicolas RUFFINI-RONZANI* (Université catholique de Louvain & Université de Namur),
*Sébastien DE VALERIOLA* (Université libre de Bruxelles & ICHEC)

**12:30-14:00**

An Introduction to the Gephi Network Analysis Software

*Nicolas RUFFINI-RONZANI* (Université catholique de Louvain & Université de Namur), *Sébastien DE VALERIOLA* (Université libre de Bruxelles & ICHEC)
15:00-16:30 • SNA case studies
Approaching the Social Networks of Temple Builders in 4th C. BC Greece: Methodological Reflections
Jean VANDEN BROECK-PARANT (Université libre de Bruxelles)
Can We Trust Centrality? The Robustness of Centrality Metrics in Historical Networks
Sébastien DE VALERIOLA (Université libre de Bruxelles & ICHEC)

17:00-18:30 • Keynote
Does Archaeology Need Network Science? Illustrated through Medieval Visibility Networks in the Himalayas and Roman Economic Networks
Tom BRUGHMAN (Aarhus University)

19:00 • Dinner for workshop participants

THURSDAY 7.4.22: NETWORK ANALYSIS WORKSHOP (9:30-17:30)
Nicolas RUFFINI-RONZANI (Université catholique de Louvain & Université de Namur),
Sébastien DE VALERIOLA (Université libre de Bruxelles & ICHEC)

FRIDAY 8.4.22: "BRING YOUR OWN DATA" WORKSHOP (9:30-15:30)

► Who is this for?
Twenty PhD students and Postdocs with a preference for:
• archaeologists
• beginners in both methods (GIS and SNA)
• people fluent in English

► How much does it cost?
100 €
(notice that tuition includes coffee breaks but excludes accommodation, traveling expenses, and food!)

► Where and how to apply?
Send us an email to visualizing.brussels@gmail.com and we will send you a short questionary (so that we know you and your research better). After a selection process, we will confirm or decline your application. The registration will be finalized after your payment of tuition.

► When are answers given?
By February 5th, 2022

► What is the deadline for paying tuition?
February 28th, 2022

► The workshop is organized by:
Hagit NOL
Agnès VOKAER
Sébastien DE VALERIOLA
Nicolas RUFFINI-RONZANI
Soektin VERVUST

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