

Digital Cultural Empowerment

Maximum Number of Participants: 30

Date: Tuesday, July 8, 2014 – 09:00 to 12:00

Facilitator(s):

Fredrik Palm, research and development coordinator, HUMlab, Umeå University

Orla Murphy, School of English at University College Cork

Shawn Day, lecturer at University College Cork

Nicolas Thély, professor in Digital Humanities at University of Rennes 2

Overview:

Digital Humanities can act, and is acting, as an agent of digital cultural empowerment. Critical awareness of method and tools in Digital Humanities can bridge the gaps between the range of humanities corpora and the actual digital practices used to understand, analyse, and share them.

NeDiMAH is about bridging these gaps and work groups on Space and Time, and on Information Visualisation, have successfully worked together across disciplines to consider these tools and methods and to define critical design principles both for research itself and also for creating and using digital tools for different aspects of the research process.

The workshop will focus on visualisation as the representation of knowledge in a multiplicity of new, engaging and challenging approaches across humanities disciplines.

Answers to research questions are being represented in innovative ways and we are interested in how these differing approaches are applied across the humanities without losing the specificity of their respective domains:

- How do historians, linguists, geographers, and art historians use visualisation?
- How are archaeologists integrating innovative visual methodologies in their research and publication?
- How does visualising literature augment and sustain research practices?
- How can deep mapping increase our understanding of historical processes?

We propose to use 4 case studies as an inspiration/stimulation for sharing, discussing and summarizing participants' experiences:

1. Datamining the Nordic Folklore database - faceted browsing aligned to research questions -
2. Visualisation of time/space
3. Literature re - presenting the text
4. Dataviz: Art or Representation of knowledge

This is a truly inter and trans disciplinary approach delivered by an international team that will highlight the variety of modes through which visualisation as a tool can facilitate exploration, knowledge creation, and understanding for researchers.

5. Audience:

This workshop will target researchers with specific interests in methods empowering digital culture through using visualisation, particularly outside traditional domains.

We welcome participation from researchers with innovative questions and methodologies to share in the workshop. This workshop will appeal to those who are beginning to experiment with visualisation as well as those with a deeper experience with visualisation, temporal, and spatial issues

Participants are expected to prepare themselves by considering the following questions:

Data capturing:

How is data collected?

Data modelling /data selections / data quality:

How do we ensure consistency and high quality?

Representation/visualisation /complexity vs “easy to read” :

What do you choose to represent?

Analysis:

What does your reading of visualization bring to you?

Purpose of visualization /Audiences:

How do we make different representations for different audiences?