Illustration: Mette Høst

Workshop on Knowledge Visualization

Friday 20 January 1- 5 pm at Southern Campus Room 15A.0.13

UNIVERSITY OF COPENHAGEN

FACULTY OF HUMANITIES

Knowledge visualization is both a practice of growing importance in many disciplines and an emerging research field in its own right. This workshop offers an introduction to the many disciplinary and interdisciplinary uses of visualization.

Knowledge visualization is as old as science and scholarship, but the ongoing digitization of sources has widened the array of relevant methods and genres of presentation. Hand drawings and photographs are being supplemented with simulations, 2D with 3D, in formats that eventually will offer dynamic, interactive, and real-time resources. Digital data as such are invisible and are made perceptible with the help of interfaces that join visualization with interpretation and further provide a set of access points to searching the available data. In addition, the quantity of digital data is growing rapidly. To be 'read' at all, they must be compressed into comprehensible forms.

The workshop will focus on different approaches to the visualization of artifacts, of analytical processes, and of interpretations. How do these various approaches enter into the research process, how do they contribute to the production of findings and insights, and to the dissemination of results?

The workshop aims to bring together researchers across the Faculty of the Humanities with an interest in these issues. Besides three presentations by researchers from within the Faculty of the Humanities, the artist Mette Høst will give a presentation drawing on her many years of collaboration with scientists from the Niels Bohr Institute and elsewhere. Moreover, Anna Lawaetz will present results from a recent survey about the current state of knowledge visualization within the Faculty of Humanities.

After the presentations, there will be an open discussion on 'Future perspectives and next steps.' Is there a need for more support at the technical level? How should activities in knowledge visualization be organized? Should the next step be groups at the department or section level and/or an interdisciplinary community at the Faculty level?

Organizer: The Steering Group for Digital Humanities at the Faculty of Humanities, University of Copenhagen.

Program

1.00 pm - 1.10 pm

Welcome by Per Hasle, Chair, Steering Group for Digital Humanities, University of Copenhagen.

1.10 pm - 1.20 pm

Visualization of knowledge, why and why now?
Professor Niels Ole Finnemann, IVA.

1.20 pm - 1.50 pm

Simple Data Visualizations in Corpus-Linguistic Research into Grammatical Constructions. Associate Professor Kim Ebensgaard Jensen, ENGEROM

2.00 pm - 2.30 pm

Visualising the Temporal and Spatial Patterns of Everyday Life.
Associate Professor, Anne Mette Thorhauge, PhD, MEF.

2.30 pm - 2.50 pm

Coffee break

2.50 pm - 3.20 pm

Capturing Our Cultural Intangible Heritage – Motion Capture and Craft Technology, Associate Professor Eva Andersson Strand, SAXO.

3.30 pm - 4.00 pm

Visualization as a Method and Pathway for Scientific Consciousness,
Artist, Mette Høst, Niels Bohr Institute, University of Copenhagen.

4.10 pm - 4.25 pm

Results from Survey on Knowledge Visualization. Phd Anna Lawaetz.

4.25 pm - 5.00 pm

Open Forum – Future Perspectives and Next Steps.

Registration:

www.hum.ku.dk/forskning/digitalhumaniora