Digital Humanities Workshop

Faculty of Humanities and Social Sciences 17-18.3.2016.

17. 3. 2016. Četvrtak. F006 (10:00-12:00)

PREDAVANJE ZNANSTVENOG KOLOKVIJA UNIRI
Prof. Dr. **Bettina Berendt**
Department of Computer Science, Katholieke Universiteit Leuven, Belgium
Research Group "Declarative Languages and Artificial Intelligence (DTAI)"

A short introduction to Digital Humanities

17. 3. 2016. Četvrtak. F102 (14:00-17:00)

RADIONICA/WORKSHOP*
Prof. Dr. Bettina Berendt

Digital Humanities and the role of text

The objective of this lecture is to give you a short introduction to the Digital Humanities and to make you familiar with basic assumptions and techniques of text analysis as it is done in "text mining", an area in Computer Science. Text mining is about finding patterns in and models of text corpora. It overlaps with many other areas such as corpus linguistics, and thus is being used a lot in the Digital Humanities already. In particular, we will investigate some problems that we have encountered during the first parts: Can we, and may we, "just take the data as they are and expect insights from them"? What problems arise? How can we engage critically and ethically with text and other data?

18.3.2016. Petak. F102 (10:00-12:00)

PREDAVANJE
Prof. Dr. **Rocio Chongtay**
Institute of Design and Communication,
The University of Southern Denmark (SDU campus Kolding)

Introduction to Data Visualization: trends, tools and practice

The purpose of this lecture is to provide an introduction to what data visualization is, including an overview of the principles, methods, and technologies used for the visual representation of data. The lecture also reviews current trends of data visualization and practical applications where the main goal is to expose patterns that ease the understanding, communication, and decision making in the specific data field. Within this context an overview of some data visualization tools will be presented, in particular, an introduction to Gephi, a network analysis and visualization tool.

18.3.2016. Petak. F102 (14:00-16:00)

RADIONICA/WORKSHOP*
Prof. Dr. Bettina Berendt, Prof. Dr. Rocio Chongtay

FRAMNAT data interpretation

The workshop will focus on techniques and tools (rather than on an overview of research in the area), with the aim of giving you hands-on experience on a number of techniques for exploring the contents, the sentiment, and (sentential) argument structure in texts. We will set this in the context of current developments in data mining.

18.3.2016. Petak. F102 (16:30-18:00)

ROUNDTABLE
Prof. Dr. Bettina Berendt, Prof. Dr. Rocio Chongtay

Future perspectives of Digital Humanities