

Towards Information Infrastructures in DFG Collaborative Research Centres

Thursday 6 October 2016 10:00 (30 minutes)

In this slot we present two new SFBs:

Collaborative Research Centre “Volition and Cognitive Control”: Data Management, Workflow Optimization and Science Gateway
Richard Grunzke

The overarching aim of the Collaborative Research Centre (CRC) is to elucidate cognitive and neural mechanisms underlying adaptive volitional control as well as impaired control in selected mental disorders. Researchers of the CRC collect a wide variety of data such as MRI-images, EEG, genetic, or behavioral data from participants in various research projects. Due to the increasing number of participants, multimodal assessment, improved imaging technologies as well as new research projects the amount of CRC data stored in diverse files is steadily increasing. The INF project will design and build a system that manages the data including metadata, enables its analysis using HPC resources, enables data sharing, and integrates with the existing science gateway.

Collaborative Research Center “Episteme in Motion”: Data and Analysis Infrastructure
Danah Tonne, Rainer Stotzka

The Collaborative Research Center “Episteme in Motion” is dedicated to the examination of processes of knowledge change in European and in non-European pre-modern cultures.

The INF project of the CRC develops methods and practices for the digital exploitation and visualization of epistemic changes within long-term processes of transmission of premodern corpuses. It uses travelling manuscripts, codices,

prints, albums and library inventories as examples of systemic transfer processes. The aim is to build a repository for the digital data objects and their metadata useful for the specific purposes of all the projects of the CRC. By

cooperating closely with the project “Manuscripts in Motion: Tools for Documenting, Analysing and Visualising the Dynamics of Textual Topographies” we test forms of cooperation between the humanities and applied computer science. Given

that a cooperation between three institutions is going to be established, the INF project will serve as a pilot for DARIAH-DE for the implementation of complex institutional cooperation.

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