

GI Annual Meeting 2010

Workshop

eHumanities - How does computer science benefit?

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In recent years the text-based humanities and social sciences experienced a synthesis between the increasing availability of digitized texts and algorithms from the fields of information retrieval and text mining that resulted in novel tools for text processing and analysis, and enabled entirely new questions and innovative methodologies.

The goal of this workshop is to investigate which consequences and potentials for **computer science** have emerged in turn from the digitization of the social sciences and humanities.

The workshop starts with a series of four invited talks by leading researchers in the field of eHumanities. Their presentations will revolve around the question "How can computer science benefit from eHumanities?". The afternoon will focus on demonstrations and discussions of different solutions to an open challenge, which aims to contrast and compare methods used in computer science with those in the humanities.. In this section, members from both fields of the eHumanities community will apply their own methods and tools on data of their choice to solve a set of previously announced problems. The exact challenges will be made public with the official announcement of the workshop and will be focused on current issues of unsupervised semantic analysis of text which are relevant to computer science, e. g. the handling of unexpected relations and associations, the treatment of rare textual patterns, or the merging of heterogeneous sources.

The date for the workshop has been fixed on Thursday, September 30th, 2010. Prof. Dr. Stefan Wrobel (Director IAIS, Bonn/St. Augustin), Dr. Helge Kahler (Federal Ministry of Education and Research - Department of Humanities), Peter Wittenburg (MPG Nijmegen - Project CLARIN) and Prof. Dr. Gregory Crane (Tufts University, Boston - Project PERSEUS) will be the speakers for the morning session.