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Ph.D. School of Electrical and Electronics Engineering and Computer Science

SEMINAR

Semantic content retrieval in digital cultural heritage objects

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19 February 2020, 9.15
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Abstract: *Digital libraries contain increasingly multi-modal objects like image scans of documents aligned with transcriptions, maps, graphics etc. Search algorithms in such libraries rely often only on meta-data, which can describe only a small part of the content, or employ only on string manipulation. Thus the semantics of the content is neglected. Document annotation may improve the description of the content, as long as it is backboneed by a proper knowledge base.*

In this talk I will describe, starting from a particular case study how ontological knowledge and document annotation (both image and text) can be used for semantic search of the content. A particular focus will be on the multiple levels of annotation and the construction of the ontology.

Bio: *Dr. Cristina Vertan is senior researcher at the University of Hamburg, Germany and has more than ten years experience in DH- research projects related with various humanities like: history, classical philology, Ethiopian studies. Her main research interests are data modelling in digital humanities and multilingual aspects of processing text (machine translation, cross-lingual retrieval).*

Organizer

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Seminar in English

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