

Call for Papers

2nd International Workshop on Semantic Digital Archives (SDA)

in conjunction with the 16th Int. Conference on Theory and Practice of Digital Libraries (TPDL)

27th September 2012 in Paphos, Cyprus

<http://sda2012.dke-research.de>

Objectives

The workshop “Semantic Digital Archives” aims to promote and discuss sophisticated knowledge representation and knowledge management solutions specifically designed for improving Archival Information Systems. It can be expected that using Semantic (Web) technologies in general and Linked Data in particular can mature the area of digital archiving and preservation, as well as technologically tighten the natural bond between digital libraries and digital archives, which are approaching this topic from different views (e.g., there might be promising combinations of pertinence and provenance models since those are traditionally the prevailing knowledge organization principles of the library and archiving community, respectively). Semantic representations of contextual knowledge about cultural heritage objects enhance organization and access of data and knowledge. In order to achieve a comprehensive investigation, the information seeking and document triage behaviors of users have to be included in the research as well. For the purpose of a comprehensive investigation of the topic, it is intended to bring together the digital libraries community, the digital archiving community and the semantic technologies community. This full day workshop will be an exciting opportunity for collaboration and cross-fertilization. We also explicitly encourage a closer dialogue between the technical oriented communities with people from the (digital) humanities and social sciences, as well as cultural heritage institutions in general in order to approach the topic from all relevant angles and perspectives.

Topics of Interest

We intend to have an open discussion on topics related to the general subject of Semantic Digital Archives. Hence, we welcome contributions that focus on, but are not limited to:

- Ontologies & linked data for digital archives and digital libraries (including multimedia archives)
- Semantic search & semantic information retrieval in digital archives and digital libraries (including multimedia archives)
- Implementations and evaluations of semantic digital archives
- Visualization and exploration of content in large digital archives
- User interfaces for semantic digital libraries
- User interfaces for intelligent information retrieval (including multimedia information retrieval)
- User studies focusing on end-user needs and information seeking behavior of end-users (document triage)
- Semantic (Web) services implementing the OAIS standard
- Logical theories for digital archives
- Theoretical and practical archiving frameworks using Semantic (Web) technologies
- Semantic or logical provenance models for digital archives or digital libraries
- Knowledge evolution
- Information integration/semantic ingest (e.g. from digital libraries)
- Trust for ingest & data security/integrity check for long-term storage of archival records

- Semantic extensions of emulation/virtualization methodologies for digital archives
- Semantic long-term storage and hardware organization tailored for digital archives
- Migration strategies based on Semantic (Web) technologies

Submission Details

Authors are invited to submit original, unpublished research papers related to the aforementioned topics. We invite:

- regular papers (8 to 12 pages)
- short papers (2 to 6 pages)

All submissions are required to be in PDF format. Long and short paper submissions must be formatted according to Springer's LNCS format (www.springer.com/computer/lncs).

Please submit your manuscript using the EasyChair online submission system:

<https://www.easychair.org/conferences/?conf=sda2012>

All submissions will be reviewed by three members of the Program Committee. All papers accepted at the Semantic Digital Archives Workshop must be presented during the Workshop by a SDA Workshop registered participant. Papers presented at the Workshop will be published in the Workshop proceedings, which will be available as a separate publication after the Workshop.

Important Dates

- Deadline for submissions: ~~June 30, 2012~~ **July 15, 2012**
- Acceptance Notification: ~~July 30, 2012~~ **August 10, 2012**
- Camera-ready papers: ~~August 25, 2012~~ **September 2, 2012**
- Workshop: September 27, 2012

Organizing Committee & Program Committee

The Organizing Committee members and the Program Committee members are mentioned at <http://sda2012.dke-research.de/index.php/committees>

Further Details: <http://sda2012.dke-research.de>