1st Call for Papers, apologies for cross-posting

Special Track on Metadata & Semantics for Cultural Collections & Applications

Part of the 10th International Conference on Metadata and Semantic Research (MTSR 2016), 22 - 25 November 2016, Rome, Italy

Submission deadline: May 15th, 2016

Proceedings will be published in Springer CCIS series

AIM AND SCOPE

Cultural Heritage collections are essential knowledge infrastructures that provide a solid representation of the historical background of human communities. These knowledge infrastructures are constructed from and integrate cultural information derived from diverse memory institutions, mainly museums, archives and libraries. Each individual community has spent a lot of effort in order to develop, support and promote its own metadata as tools for the description and dissemination of cultural information, mainly related to its particular resources and use.

The exposure of cultural information into the Semantic Web makes clear that metadata have to be accurate and deeply interpretable on the semantic level. Ontologies could facilitate these procedures since they constitute conceptualizations - according to the specific point of view of a memory institution or its particular community - providing at the same time the context for interpreting the respecting metadata to their domain of discourse. At the same time, there are also inter-domain efforts targeted to semantically align data (research data, educational data, public sector information etc.) to cultural information. New challenges are also emerged from the need to incorporate cultural information into the new publication paradigms, where a variety of resources (data, metadata, processes, results, etc) are linked and integrated, providing better shareability and reusability. The management of the cultural information provides challenges associated with (i) metadata modeling, specification, standardization, extraction, evaluation, mapping, integration and effective use, (ii) knowledge representation as conceptualization to provide the context for unambiguously interpreting metadata, and (iii) information integration from different contexts for the provision of integrated access and advanced services to the users.

The aim of this Special Track is to maintain a dialogue where researchers and practitioners working on all the aspects of the cultural information will come together and exchange ideas about open issues at all stages of the metadata life cycle. The track also welcomes works related to metadata semantics and applications for new approaches to cultural information publication and sharing,

as well as to interlinking to other dataset published in the Semantic Web universe.

TOPICS

The papers in this special track should be original and of high quality, addressing issues in areas such as:

- Cultural heritage metadata models, standards, interoperability, mappings and integration

- Automated metadata extraction

- Ontologies and knowledge representation for the cultural heritage domain

- Extracting semantics, entities, and patterns from Cultural Heritage collections

- Collection models and item - collection relationships representation

- Collection - level metadata modeling and management

- Linked open data approaches for the cultural heritage domain

- Composite content-discovery and management of components and interrelationships

- Publication, linking and citation of Cultural Heritage information and resources

- Large volume content management - high resolution image data sets

- 3D models-indexing, storage and retrieval approaches

- Federation of repositories/data infrastructures

- Integration of intra or inter disciplinary heterogeneous resources

- Infrastructures for sharing content

- Digital Curation workflows and models

- Preservation metadata for cultural heritage digital objects

- Metadata quality metrics

- Case studies

SUBMISSION GUIDELINES

Authors can submit either full papers (12 pages) or short papers (6 pages). Submitted papers have to follow the [LNCS proceedings](#) formatting style and guidelines.

The submitted papers will undergo the same peer review as the submissions for MTSR 2016 and accepted contributions will be published in the MTSR 2016 proceedings ([Springer CCIS series](#)). Authors of accepted papers will be asked to register to the Conference and present their work.

Authors of the best papers will be invited to submit extended and revised versions of their papers for possible publication in selected international journals, including the [International Journal of Metadata, Semantics and Ontologies (Inderscience)](#), and Program: [Electronic library and information systems (Emerald)](#) (list incomplete).

More information on submission can be found at the [MTSR 2016 call for papers](#) web page.

IMPORTANT DATES

May 15th, 2016: Submission deadline

June 30th, 2016: Notification of Acceptance/rejection

July 10th, 2016: Camera-ready papers due

November 22nd-25th, 2016: Conference at FAO of the UN, Rome Italy

SPECIAL TRACK CHAIRS

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