Metadata and Semantic Research (MTSR 2014) Special Track for Cultural Collections & Applications

Special Track on Metadata & Semantics for Cultural Collections & Applications

Part of the 8th International Conference on Metadata and Semantic Research (MTSR 2014), 27 - 29 November 2014, Karlsruhe, Germany

Submission deadline: July 13th, 2014

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 in the semantic level.** Conceptual Reference Models 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. CRMs have also been viewed as global schemata in order to map different metadata specifications. 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.

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 in all stages of the metadata life cycle.** The track also welcomes works for the connection and interlinking of the Cultural Heritage metadata to any 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
- 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

More information on submission can be found at the MTSR 2014 call for papers web page.

IMPORTANT DATES

July 13th, 2014: paper submission

August 17th, 2014: acceptance/rejection notification

August 31th, 2014: camera-ready papers due

November 27th - 29th, 2014: MTSR 2014

SPECIAL TRACK CHAIRS

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