Special Track on Metadata & Semantics for Cultural Collections & Applications

http://www.mtsr-conf.org/index.php/tracks

The **18th** International Conference on Metadata and Semantics Research (MTSR 2024) will be held at **the National and Kapodistrian University of Athens 20th - 22th November 2024**.

Important Dates

- **22nd July, 2024**: Submission deadline (Full and Short papers)
- **22nd July, 2024**: Submission deadline (Posters, Workshops, Tutorials, Demos & Panels)
- **20th August, 2024**: Notification of acceptance
- **30th August, 2024**: Camera-ready papers due

- **20th – 22nd November 2024** Conference at the National and Kapodistrian University of Athens

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 libraries, archives and museums. Each individual community has spent a lot of effort in order to develop, support and promote its own systems, tools and metadata for the management of cultural information, mainly related to its particular resources and use.

In this framework, the management of the cultural information has to deal with challenges related to (i) metadata modeling, specification, standardization, extraction, (semantic) enrichment, mapping, integration, effective use, and evaluation, (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, reuse and advanced services to users.

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. Currently, Linked (Open) Data, as part of the Semantic Web Technology, is having a major role in modernizing cultural heritage collections. Providing to users the possibility to re-use and integrate data into their own systems is currently more than a need, given that transparency and access to information is a prerequisite. A critical factor to the effectiveness of many aspects of all the above efforts is the quality of metadata, as interpreted by its context and use and evaluated by the proper measures and methods. Many institutions and aggregate infrastructures are dealing with the poor quality of metadata that inevitably results in poor integration, search and reuse, while their enrichment, in terms of contextualization, co-referencing, alignment, etc., is really challenging.

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 cultural heritage information life cycle. The track also welcomes works related to semantics and applications for new approaches to cultural information publication and sharing, as well as to interlinking to other datasets 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, ontologies, knowledge organization and representation systems
- Cultural Heritage information integration, interoperability and mappings
- Automated extraction of metadata, entities, and patterns from Cultural Heritage resources
- Metadata manual or automated (Semantic) enrichment and search
- Metadata quality metrics, tools and services
- Linked Open Data approaches in the Cultural Heritage domain
- Publication, linking and citation of Cultural Heritage information and resources
- Large volume content management
- 3D models-indexing, storage and retrieval approaches
- Infrastructures for sharing content
- Digital Curation workflows and models
- Provenance and preservation metadata for Cultural Heritage digital resources

Submission procedure

The following types of submissions are invited:

- Full papers (12 pages, CCIS format) reporting completed research
- Short papers (6 pages, CCIS format) presenting ongoing or preliminary research
- Presentations and Posters (3-4 pages)
- Proposals for Tutorials, Workshops. Demos and Panels (1-3 pages providing a description)

Submissions should be original and not previously submitted, published and under review to other Conferences or Journals. All submissions will be reviewed on the basis of relevance, originality, importance and clarity following a double-blind peer review process. Submitted papers have to follow the LNCS proceedings formatting style and guidelines. Authors of accepted submissions will be asked to register to the Conference and present their work in the form of either oral presentation or poster presentation.

Interested authors can submit to [EasyChair (https://easychair.org/conferences/?conf=mtsr2024)](https://easychair.org/conferences/?conf=mtsr2024)

Conference Proceedings

Proceedings will be published by Springer in CCIS (Communications in Computer and Information Science) book series (http://www.springer.com/series/7899). CCIS is abstracted/indexed in Scopus, SCImago, EI-Compendex, Mathematical Reviews, DBLP, Google Scholar. CCIS volumes are also submitted for inclusion in ISI Proceedings.

Other Publication Opportunities

Selected papers might be considered for a revised and extended version to be published in a range of international journals, including the [International Journal of Metadata, Semantics and Ontologies](#) (Inderscience) and [Data Technologies and Applications](#) (Emerald), previously published as [Program.](#)

Awards

There are two types of awards: the Best Paper award and the Best Student Paper award, both sponsored by euroCRIS (http://www.eurocris.org/).

- Best Paper award: This award will be presented to the authors of the best full research paper submitted and presented to the conference.
- Best Student Paper award: MTSR sponsors a paper competition to recognize excellence in a conference paper contribution whose primary author is a student (normally at a PhD or MRes level). The student is required to present the paper at the MTSR 2024 conference. Submissions are evaluated on their originality, scientific merits, structure, and clarity of composition.

The author of an awarded paper, and co-authors if any, will be entitled to:
- Receive a signed and stamped official award certificate by the conference organizers
- Promote their achievement on MTSR conference webpage, and MTSR Social Media
- Get invited to submit an extended and revised version of the awarded paper for publication in the [International Journal of Metadata, Semantics and Ontologies](#) (Inderscience)
  - Each award comes with the price of a free access/registration to next year's MTSR. Including all conference materials, together with the printed/digital conference proceedings.
  - This voucher, in case of many co-authors, is valid only for one author of the awarded paper, and only for the MTSR conference that follows the year after receiving the award.

Special Track Chairs
- Michalis Sfakakis, Ionian University, Greece (sfakakis@ionio.gr)
- Lina Bountouri, EU Publications Office, Luxembourg (boudouri@ionio.gr, linabountouri@gmail.com)

Program Committee
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