2nd Call for Papers

MTSR'17 : 11th International Conference
on Metadata and Semantics Research

http://www.mtsr-conf.org/

The **11th International Conference on Metadata and Semantics Research** (MTSR'17) will be held at Tallinn University in Tallinn, Estonia from **November 28th – December 1st 2017**.

Motivation

MTSR is an annual international inter-disciplinary conference which brings together academics, researchers and practitioners in the specialized fields of metadata, ontologies and semantics research. The conference provides an opportunity for participants to share knowledge and novel approaches in the implementation of semantic technologies across diverse types of information environments and applications. These include Open Access Repositories and Digital Libraries, Cultural Informatics, Digital Humanities, E-learning applications, Search Engine Optimization and Information Retrieval, Research Information Systems and Infrastructures, e-Science and e-Social Science applications, Agriculture, Food and Environment, Bio-Health & Medical Information Systems.

Important Dates

- **July 10th , 2017 : New Paper submission deadline**
- July 31st, 2017 : Notification of acceptance
- August 27th, 2017 : Camera-ready papers due
- November 28th –December 1st , 2017 : Conference in Tallinn University (Tallinn, Estonia)

Theme of MTSR'17

Following up on previous successful MTSR conferences, the 11th International Conference on Metadata and Semantics Research (MTSR'17) focuses on an emerging theme of **"Internet of Things (IoT) in Library and Information Science Research"** and the practical implementation of ontologies and linked data in various applications. The conference focuses on:

- Theoretical and foundational principles of metadata, ontologies and information organization;
- The emergence and application of the Internet of Things (IoT) in libraries and cultural heritage institutions (such as RFID technologies, smart libraries and virtual museums);
- The applications of Linked Data, Open Data, Big Data and user-generated metadata;
- Digital Interconnectedness – the what, why and how of Linked Open Data and the Semantic Web;
- Metadata standardization, authority control and interoperability in digital libraries and research data repositories;
- Emerging issues in RDF, OWL,SKOS, schema.org, BIBFRAME, metadata and ontology design;
- Linked data applications for e-books, digital publishing and Content Management Systems (CMSs);

- Content discovery services, search, information retrieval and data visualization applications.

Topics:

Contributions are welcome on this year's theme **"Internet of Things (IoT) in Library and Information Science Research"**, including contributions covering, but not limited to, metadata in general, ontologies, Semantic Web, linked data, data repositories, digital libraries, knowledge management, software engineering, and the following list:

I. Foundations

- Typology of metadata and metadata implementations
- The value and cost of metadata
- Quality evaluation in the use of metadata
- Metadata reusability
- New or revised metadata schemas or application profiles
- Metadata standardization
- Empirical studies on metadata and/or ontologies usage

II. Languages and Frameworks for Metadata Management

- SGML, XML, UML in theory and practice
- Languages and Frameworks for Ontology Management
- Metadata and the Semantic Web
- Metadata and Knowledge Management
- Metadata and Software Engineering
- Metadata application of Semantic Web technologies
- Ontologies and Ontology-based Knowledge Management Systems

III. Case Studies

- Metadata and ontologies for librarianship, management of historical archives and archaeological research
- Metadata and ontologies for the design of innovative products and processes
- Metadata and ontologies for health, biological and clinical information management
- Metadata and ontologies in finance, tourism and public administrations
- Metadata and ontologies in industry
- Metadata and ontologies in education
- Metadata and ontologies in agriculture, food and environment

IV. Technological Issues

Technologies for:

- Metadata and ontology storage, Metadata and ontology integration, Metadata extraction and navigation, querying and editing of ontologies
- Learning Objects management
- Search engines, Localization & Visualization
- Mobile challenges

V. Digital Libraries, Information Retrieval, Big, Linked, Social & Open Data
- Ontologies and SKOS
- Linked Data and its applications
- Information visualization
- Metadata quality
- Digital curation
- Impact and evaluation of digital libraries
- Use and re-use of digital data
- Data mining
- Open and Social Data
- Social Networking & Collaboration platforms
- Multilingual IR
- User behavior and modeling
- Big Data semantics, search and mining
- Big Data best practices
- Reasoning on Big Data

VI. Tutorials and Workshops

You can bring in your ideas for tutorials. If you are interested in a particular topic, please let us know by sending an email to mtsr.conference@gmail.com

Special Tracks

The conference welcomes the organization of special tracks focusing on particular domains or topics. Proposals for special tracks are welcome. Papers submitted to tracks undergo the same review procedures and are published in the same proceedings as those accepted for the main track. Tracks currently being organized:
- Agriculture, Food & Environment
- Cultural Collections & Applications
- Digital Libraries, Information Retrieval, Big, Linked, Social & Open Data
- European and National Projects
- Open Repositories, Research Information Systems and Data Infrastructures
- Digital Humanities and Digital Curation
- Knowledge IT Artifacts (KITA) in professional communities and aggregations

Workshops

[http://www.mtsr-conf.org/index.php/workshops-2017]

In view of developing the field of metadata, digital libraries, ontology and semantics research, MTSR'17 aims to host two workshops:

- Current Metadata Landscape in the Library World
- MTSR'17 Doctoral Consortium Workshop for PhD Students

Submission procedure

The following types of submissions are invited:

- Full papers (12 pages) reporting complete research
- Short papers (6 pages) presenting ongoing or preliminary research
- Posters (4 pages)
- Proposals for tutorials and workshops (2 pages)

Submissions should be original and not previously submitted 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 (ftp://ftp.springer.de/pub/tex/latex/llncs/latex2e/instruct/authors/authors.pdf). 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=mtsr2017**

Conference Proceedings

Proceedings will be published by Springer in Vol. 755 of the Communications in Computer and Information Science (CCIS) 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 the 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) (http://www.ingentaconnect.com/content/ind/ijmso) and Program (Emerald)

(http://www.emeraldinsight.com/loi/prog).

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 2017 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) (http://www.inderscience.com/jhome.php?jcode=ijmso);
  - Each award comes with the price of a free access/registration to next years' MTSR. including all conference materials, together with the printed/digital conference proceedings
  - This voucher for each award for free registration is valid only for one author, in case of many co-authors, of the awarded paper, and only for the MTSR conference that follows the year after receiving the award.

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