



**MTSR 2017:  
11th International Conference on Metadata and Semantics Research  
November 28th – December 1st 2017, Tallinn, Estonia**

The MTSR Conference 2017 takes place at the Tallinn University

**Tuesday 28th November 2017**

13:00- 17:30	<b>Registration: Tallinn University Conference Room (TBC)</b>
14:00- 17:00	<p>Conference Room: TBA</p> <p><b>Workshop:</b></p> <p><b><i>Current Metadata Landscape in the Library World</i></b></p> <hr/> <p><b>Coordinated by Dr Getaneh Alemu, Cataloguing &amp; Metadata Librarian, Southampton Solent University, United Kingdom</b></p> <p>Metadata is ubiquitous and it is <i>raison d'être</i> for libraries as it forms their core functions. Whether they use MARC, Dublin Core, MODS, METS, PREMIS, AACR-2, RDA, FRBR, Linked Data or BIBFRAME (standards/tools), the chief business of libraries is to describe the great diversity of information resources (print or electronic books, articles, reports, datasets, cultural heritage objects or artifacts) with metadata that reflects the heterogeneity inherent in users – hence the case for a mixed metadata approach that combines the best of standardised and user-generated metadata. Such metadata is pertinent in order to make information resources findable, discoverable and usable by users. In this regard, the emerging metadata principles of enriching, linking, openness and filtering (Alemu, 2014) play a paramount importance. This workshop aims to bring the current metadata landscape in libraries in context, with particular emphasis on emerging theory/principles and best practices covering:</p> <ul style="list-style-type: none"> <li>• The theory of enriching and filtering.</li> <li>• Metadata enriching through RDA (Hands on - The RDA Toolkit and implementation of RDA at Southampton Solent University)</li> <li>• Metadata filtering through FRBR (practical issues that cataloguers face in FRBRising their catalogue).</li> <li>• Metadata management (metadata quality, authority control and subject headings).</li> <li>• Metadata systems, tools and applications (practical issues of e-books and database cataloguing).</li> </ul>

## Wednesday, 29th November 2017

08:30-15:00	<b>Registration - Conference Room TBA</b>
	Conference Room: TBA
10:00-10:20	<p style="text-align: center;"><b>Conference Welcome by</b></p> <p style="text-align: center;">Sirje Virkus Tallinn University, Estonia</p> <p style="text-align: center;">Emmanouel Garoufallou Alexander Technological Educational Institute of Thessaloniki, Greece</p>
	<p style="text-align: center;"><b>General Session</b> Chaired by Sirje Virkus</p>
10:20-10:40	<p style="text-align: center;">Version Control and Change Validation for RDF Datasets <i>Manuel Fiorelli, Maria Teresa Pazienza, Armando Stellato, and Andrea Turbati</i></p>
10:40-11:00	<p style="text-align: center;">Cross-Querying LOD Data-sets Using Complex Alignments: an application to agronomic taxa <i>Elodie Thiéblin, Fabien Amarger, Nathalie Hernandez, Catherine Roussey, and Cassia Trojahn Dos Santos</i></p>
11:00-11:20	<p style="text-align: center;">Deploying Metadata on Blockchain Technologies <i>Elena García-Barriocanal, Salvador Sánchez-Alonso, and Miguel-Ángel Sicilia</i></p>
11:20-11:30	<p style="text-align: center;">A Data Exchange Tool Based on Ontology for Emergency Response Systems <i>Félix Simas, Rebeca Barros, Laís Salvador, Marian Weber, and Simone Amorim</i></p>
11:30-12:00	Coffee break – Refreshments
	<p style="text-align: center;"><b>General Session</b> Chaired by TBA</p>
12:00-12:20	<p style="text-align: center;">Creative Knowledge Environments Promotion through Case-Based Knowledge Artifacts <i>Fabio Sartori</i></p>
12:20-12:40	<p style="text-align: center;">Representation of Tensed Relations in OWL: a survey of philosophically-motivated patterns <i>Paweł Garbacz and Robert Trypuz</i></p>
12:40-13:00	<p style="text-align: center;">Effect of Enriched Ontology Structures on RDF Embedding-Based Entity Linking <i>Emrah Inan and Oguz Dikenelli</i></p>
13:00-13:20	<p style="text-align: center;">An Approach for Systematic Definitions Construction Based on Ontological Analysis <i>Patricia Merlim Lima Scheidegger, Maria Luiza Machado Campos, and Maria Cláudia Cavalcanti</i></p>
13:20-13:35	<p style="text-align: center;">An Ontology Based Approach for Host Intrusion Detection Systems <i>Özgü Can, Murat Osman Ünalır, Emine Sezer, Okan Bursa, and Batuhan Erdogan</i></p>
13:35-14:30	Lunch break
	Conference Room: TBA
	<b>Track on Open Repositories, Research Information Systems and Data Infrastructures</b>

	Chaired by Armando Stellato and Miguel-Ángel Sicilia
14:30-14:50	Building Scalable Digital Library Ingestion Pipelines Using Microservices <i>Matteo Cancellieri, Nancy Pontika, Samuel Pearce, Loucas Anastasiou, and Petr Knoth</i>
14:50-15:10	Semantic Attributes for Citation Relationships: creation and visualization <i>Sergey Parinov</i>
15:10-15:30	Toward a Metadata Framework for Sharing Sensitive and Closed Data: an analysis of data sharing agreement attributes <i>Sam Grabus and Jane Greenberg</i>
15:30-16:00	Coffee break – Refreshments
16:00-17:15	<p style="text-align: center;"><b>Poster session</b></p> <p style="text-align: center;">JabotG: Extending the Herbarium Dataset Frontiers <i>Felipe Alves de Oliveira, Yammin Cortes, Diogo S. B. Rocha, Marinez Ferreira de Siqueira, Luís Alexandre Estevão Da Silva, Raquel Lopes Costa, Ronaldo Goldschmidt and Maria Claudia Cavalcanti</i></p> <p>Case Study: Ontological model to categorize, enrich and allow open access to bibliographic data <i>Ana María Feroso García, María Isabel Manzano García and Carlos Hernández Tamayo</i></p> <p style="text-align: center;">Data Model of the STKOS Metathesaurus <i>Zheng Liu, Shanshan Ji, Wen Song, and Tan Sun</i></p> <p>InDisco: Instance Discovery using Mining Algorithms over User Interactions in Semantic Social Networks <i>Mouaz Alabsawi, Amr Elmougy, and Slim Abdennadher</i></p> <p style="text-align: center;">Music in Movement: an interactive guide to contemporary classical music <i>Lizzy Komen and Maria Drabczyk.</i></p> <p style="text-align: center;">Semantic publishing of namespace content and trends in search engine optimization in Petőfi Literary Museum <i>Anikó Mohay, Zsolt Bánki, and András Simon</i></p> <p>A Study on the Construction Technology Digital Library Service Information Model: focusing on the case of Korea's Construction Technology Information System <i>Seong-Yun Jeong</i></p>
19:30	<b>Self-paid dinner</b>

**Thursday, 30th November 2017**

09:00-14:00	<b>Registration - Conference Room TBA</b>
	Conference Room: TBA
	<b>Track on Digital Libraries, Information Retrieval, Big, Linked, Social &amp; Open Data</b> Chaired by R. J. Hartley and Rania Siatri
09:30-09:50	The Representation of Agents as Resources for the Purpose of Professional Regulation and Global Health Workforce Planning <i>Amy Opalek and Jane Greenberg</i>
09:50-10:10	Promoting Semantic Annotation of Research Data by their Creators: a use case with B2NOTE at the end of the RDM workflow <i>Yulia Karimova, João Aguiar Castro, João Rocha da Silva, Nelson Pereira, and Cristina Ribeiro</i>
10:10-10:30	A Review of Practices for Transforming Library Legacy Records into Linked Data <i>Ya-Ning Chen</i>
10:30-10:50	Automatic Extraction of Correction Patterns from Expert-Revised Corpora <i>Giovanni Siragusa, Luigi Di Caro, and Marco Tosalli</i>
10:50-11:00	Enabling Analysis of User Engagements Across Multiple Online Communication Channels <i>Zaenal Akbar, Anna Fensel, and Dieter Fensel</i>
11:00-11:30	Coffee break – Refreshments
11:30-12:30	<i>Keynote Speaker:</i> <b>“The path towards bibliographic ontologies and linked data”</b> <b>by Professor Trond Aalberg</b> <b>Department of Computer Science, Data and Artificial Intelligence Group at NTNU</b>  Chaired by Emmanouel Garoufallou
12:30-13:30	Lunch break
	Conference Room: TBA
	<b>Track on Digital Libraries, Information Retrieval, Big, Linked, Social &amp; Open Data</b> Chaired by TBA
13:30-13:50	Lost Identity – Metadata Presence in Online Bookstores <i>Tjaša Jug and Maja Žumer</i>
13:50-14:10	Collaborative Approach to Developing a Multilingual Ontology: a case study of wikidata <i>John Samuel</i>
14:10-14:30	New Generation Metadata Vocabulary for Ontology Description and Publication <i>Biswanath Dutta, Anne Toulet, Vincent Emonet, and Clement Jonquet</i>
14:30-15:00	Coffee break – Refreshments

	<b>Track on European and National Projects</b> Chaired by TBA
15:00-15:20	Validating the Ontology-Driven Reference Model for the Vocational ICT Curriculum Development <i>Mohammad Hadi Hedayati and Mart Laanpere</i>
15:20-15:35	Developing Quiz Games Linked to Networks of Semantic Connections Among Cultural Venues <i>Abdullah Daif, Ahmed Dahroug, Martín López-Nores, Alberto Gil-Solla, Manuel Ramos-Cabrer, José Juan Pazos-Arias, and Yolanda Blanco-Fernández</i>
15:35-15:50	Metadata for Nanotechnology: interoperability aspects <i>Vasily Bunakov and Brian Matthews</i>
15:50-16:05	Data, Metadata, Narrative. Barriers to the Reuse of Cultural Sources <i>Jennifer Edmond and Georgina Nugent Folan</i>
19:00	<b>Conference Dinner</b>

## Friday, 1st December 2017

09:00-11:00	<b>Registration - Conference Room TBA</b>
	Conference Room: TBA
	<b>Track on Cultural Collections &amp; Applications</b> Chaired by Michalis Sfakakis
09:30-09:50	Enriching Media Collections for Event-based Exploration <i>Victor de Boer, Liliana Melgar, Oana Inel, Carlos Martinez Ortiz, Lora Aroyo, and Johan Oomen</i>
09:50-10:10	A Semantic Web Case Study: representing the Ephesus Museum collection using Erlangen CRM ontology <i>Tuğba Özacar, Övünç Öztürk, Lobaba Salloutah, Fulya Yüksel, Baraa Abdülbaki, and Elif Bilici</i>
10:10-10:30	The Semantic Enrichment Strategy for Types, Chronologies and Historical Periods in searchculture.gr <i>Haris Georgiadis, Agathi Papanoti, Maria Paschou, Alexandra Roubani, Despina Hardouveli, and Evi Sachini</i>
10:30-10:45	Linked Data in Libraries' Technical Services Workflows <i>Philip E. Schreur and Nancy Lorimer</i>
10:45-11:00	The Combined Use of EAD and METS for Archival Material: an integrated toolkit <i>Ricardo Eito-Brun</i>
11:00-11:30	Coffee break – Refreshments
	<b>Track on Digital Humanities and Digital Curation (DHC)</b> Chaired by Ernesto William De Luca
11:30-11:50	Digital Humanities and Digital Curation (TBC) <i>Ernesto William De Luca</i>
11:50-12:10	Battle without FAIR and Easy Data in Digital Humanities: an empirical research on the challenges of open data and APIs for the James Cook dynamic journal <i>Go Sugimoto</i>
12:10-12:25	Enrichment of Accessible LD and Visualization for Humanities: MPOC model and prototype <i>Alicia Lara-Clares, Ana Garcia-Serrano, and Covadonga Rodrigo</i>
12:30-13:30	Lunch break
13:30-14:15	Panel discussion Internet of Things (IoT) in Library and Information Science Research and the practical implementation of ontologies and linked data in various applications (TBC)
14:15-14:30	Final remarks – Closing ceremony, handover and farewell