



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

CAMPUS: <http://www.tlu.ee/en/university/Campus>

GETTING HERE (with map): <http://www.tlu.ee/en/university/Campus/Getting-Here>

Tuesday 28th November 2017

13:00-17:00	Registration (only during the workshop): Room A-213 Academic Library, Astra building, Tallinn University, Narva mnt 29
	Room A-213 in the Academic Library, Astra building, Narva mnt 29
14:00-17:00	<p>Workshop:</p> <p><i>Current Metadata Landscape in the Library World</i></p> <hr/> <p>Coordinated by Dr Getaneh Alemu, Cataloguing & Metadata Librarian, Southampton Solent University, United Kingdom</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"> • The theory of enriching and filtering. • Metadata enriching through RDA (Hands on - The RDA Toolkit and implementation of RDA at Southampton Solent University) • Metadata filtering through FRBR (practical issues that cataloguers face in FRBRising their catalogue). • Metadata management (metadata quality, authority control and subject headings). • Metadata systems, tools and applications (practical issues of e-books and database cataloguing).

Wednesday, 29th November 2017

08:30-16:00	Registration – In front of the Conference Room A046 Astra building, Tallinn University, Narva mnt 29
	Conference Room: A046, Astra building, Ground floor
10:00-10:20	<p style="text-align: center;">Conference Welcome by</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;">Peeter Normak Director of the School of Digital Technologies of Tallinn University</p>
	<p style="text-align: center;">General Session 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;">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>
11:20-11:40	<p style="text-align: center;">Creative Knowledge Environments Promotion through Case-Based Knowledge Artifacts <i>Fabio Sartori</i></p>
11:40-12:00	<p style="text-align: center;">Coffee break – Refreshments <i>Researchers Forum, Astra building, 1st floor, atrium</i></p>
	<p style="text-align: center;">General Session Chaired by Hans Põldoja and Victor de Boer</p>
12:00-12:20	<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>
12:20-12:40	<p style="text-align: center;">Effect of Enriched Ontology Structures on RDF Embedding-Based Entity Linking <i>Emrah Inan and Oguz Dikenelli</i></p>
12:40-13:00	<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>
13:00-13:20	<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>
13:20-14:20	<p style="text-align: center;">Lunch break <i>Researchers Forum, Astra building, 1st floor, atrium</i></p>

	Conference Room: A046, Astra building, Ground floor
	<p align="center">Track on Open Repositories, Research Information Systems and Data Infrastructures Chaired by Armando Stellato</p>
14:20-14:40	<p align="center">Building Scalable Digital Library Ingestion Pipelines Using Microservices <i>Matteo Cancellieri, Nancy Pontika, Samuel Pearce, Loucas Anastasiou, and Petr Knoth</i></p>
14:40-15:00	<p align="center">Semantic Attributes for Citation Relationships: creation and visualization <i>Sergey Parinov</i></p>
15:00-15:20	<p align="center">Toward a Metadata Framework for Sharing Sensitive and Closed Data: an analysis of data sharing agreement attributes <i>Sam Grabus and Jane Greenberg</i></p>
15:20-15:50	<p>Coffee break – Refreshments <i>Researchers Forum, Astra building, 1st floor, atrium</i></p>
	<p align="center">Poster session Oral Presentation Chaired by Haris Georgiadis</p> <p align="center"><i>Posters will be displayed in the Researchers Forum, Astra building, 1st floor, atrium</i></p>
15:50-16:40	<p 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 align="center">Data Model of the STKOS Metathesaurus <i>Zheng Liu, Shanshan Ji, Wen Song, and Tan Sun</i></p> <p align="center">InDisco: Instance Discovery using Mining Algorithms over User Interactions in Semantic Social Networks <i>Mouaz Alabsawi, Amr Elmougy, and Slim Abdennadher</i></p> <p 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 align="center">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>
16:40	<p align="center">National Library of Estonia Tour (tour tickets paid by MTSR – details will be provided during registration)</p>
19:30	<p align="center">Self-paid dinner (list of Restaurants will be provided during registration)</p>

Thursday, 30th November 2017

09:00-16:30	Registration – In front of the Conference Room A046 Astra building, Tallinn University, Narva mnt 29
	Conference Room: A046, Astra building, Ground floor
	Track on Digital Libraries, Information Retrieval, Big, Linked, Social & Open Data Chaired by R. J. Hartley, Rania Siatry and Sergey Parinov
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>
10:50-11:10	Enabling Analysis of User Engagements Across Multiple Online Communication Channels <i>Zaenal Akbar, Anna Fensel, and Dieter Fensel</i>
11:10-11:30	Coffee break – Refreshments <i>Researchers Forum, Astra building, 1st floor, atrium</i>
11:30-12:30	<i>Keynote Speaker:</i> “The path towards bibliographic ontologies and linked data” by Professor Trond Aalberg Department of Computer Science, Data and Artificial Intelligence Group at NTNU Chaired by Emmanouel Garoufallou
12:30-13:30	Lunch break <i>Researchers Forum, Astra building, 1st floor, atrium</i>
	Conference Room: A046, Astra building, Ground floor
	Track on Digital Libraries, Information Retrieval, Big, Linked, Social & Open Data Chaired by Getaneh Alemu and Fabio Sartori
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>

14:30-14:50	Deploying Metadata on Blockchain Technologies (<i>moved from the General Session</i>) <i>Elena García-Barriocanal, Salvador Sánchez-Alonso, and Miguel-Ángel Sicilia</i>
14:50-15:00	Case Study: Ontological model to categorize, enrich and allow open access to bibliographic data (<i>moved from the Poster Session</i>) <i>Ana María Feroso García, María Isabel Manzano García and Carlos Hernández Tamayo</i>
15:00-15:30	Coffee break – Refreshments <i>Researchers Forum, Astra building, 1st floor, atrium</i>
	Track on European and National Projects Chaired by Kai Pata and Salvador Sánchez-Alonso
15:30-15:50	Validating the Ontology-Driven Reference Model for the Vocational ICT Curriculum Development <i>Mohammad Hadi Hedayati and Mart Laanpere</i>
15:50-16:05	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>
16:05-16:25	Metadata for Nanotechnology: interoperability aspects <i>Vasily Bunakov and Brian Matthews</i>
16:25-16:40	Data, Metadata, Narrative. Barriers to the Reuse of Cultural Sources <i>Jennifer Edmond and Georgina Nugent Folan</i>
19:00	Conference Dinner Restaurant Balthasar Raekoja plats 11 (http://balthasar.ee/en/)

Friday, 1st December 2017

09:30-12:00	Registration – In front of the Conference Room A046 Astra building, Tallinn University, Narva mnt 29
	Conference Room: A046, Astra building, Ground floor
	Track on Cultural Collections and Applications Chaired by Michalis Sfakakis
10:00-10:20	Enriching Media Collections for Event-based Exploration <i>Victor de Boer, Liliana Melgar, Oana Inel, Carlos Martinez Ortiz, Lora Aroyo, and Johan Oomen</i>
10:20-10:40	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>
10:40-11:00	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>
11:00-11:20	Linked Data in Libraries' Technical Services Workflows <i>Philip E. Schreur and Nancy Lorimer</i>
11:20-11:40	The Combined Use of EAD and METS for Archival Material: an integrated toolkit <i>Ricardo Eito-Brun</i>
11:40-12:10	Coffee break – Refreshments <i>Researchers Forum, Astra building, 1st floor, atrium</i>
	Track on Digital Humanities and Digital Curation (DHC) Chaired by Ernesto William De Luca
12:10-12:30	Infrastructures, Visualization and Interaction Possibilities for Digital Humanities and Digital Curation <i>Ernesto William De Luca</i>
12:30-12:50	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>
12:50-13:10	Enrichment of Accessible LD and Visualization for Humanities: MPOC model and prototype <i>Alicia Lara-Clares, Ana Garcia-Serrano, and Covadonga Rodrigo</i>
13:10-13:20	Best Paper and Best Student Paper Awards Ceremony Sponsored by euroCRIS (http://www.eurocris.org/)
13:20-13:45	Final remarks – Closing ceremony and handover Announcement of the next 12th MTSR 2018 Conference Chaired by Sirje Virkus, Getaneh Alemu and Emmanouel Garoufallou
13:45-14:30	Lunch break and farewell <i>Researchers Forum, Astra building, 1st floor, atrium</i>
14:30	Tallinn University Library Tour