



Organized by the  
Alexander Technological Educational Institute of Thessaloniki

## MTSR 2013 : 7th Metadata and Semantics Research Conference

### Tuesday, 19<sup>th</sup> November 2013

09:00 – 09:30	Working Group Meeting Registration, Hotel Electra Palace, Thessaloniki
9:30 – 18:00	<p style="text-align: center;"><b>Interdisciplinary MUMIA Working Group meeting:</b>  <b>“Standards and protocols for search technologies”</b></p> <p style="text-align: center;">Venue: Hotel Electra Palace, 9, Aristotelous Square Thessaloniki (<a href="http://www.electrahotels.gr/">http://www.electrahotels.gr/</a>) - (room Byzantium II)            Chairs: Michail Salampasis and Emmanouel Garoufallou</p>

### Wednesday, 20<sup>th</sup> November 2013

Venue: Museum of Byzantine Culture (<http://www.mbp.gr/html/en/index.htm>)

08:00 – 09:30	<b>Registration - Conference Room “Melina Mercouri”</b>
	<b>Conference Room “Melina Mercouri”</b>
	Chairs : Emmanouel Garoufallou, Juan Manuel Doderó and Agathoniki Tsilipakou
09:30 – 10:10	Conference Welcome and Introductions Prof. Konstantinos Varsamidis, President of Alexander TEI of Thessaloniki Prof. Panagiotis Tzionas, Deputy President of Alexander TEI of Thessaloniki Dr Agathoniki Tsilipakou, Director of Museum of Byzantine Culture Dr Emmanouel Garoufallou, Chair MTSR2013, Alexander TEI of Thessaloniki
	<b>General Session</b> <b>Content management</b>
10:10 – 10:30	A semantic model for personal consent management <i>Ozgu Can</i>
10:30 – 10:50	Storing metadata as QR codes in multimedia streams <i>Athanasios Zigomitros and Constantinos Patsakis</i>
10:50 – 11:10	Semantic mapping in CLARIN component metadata <i>Matej Durco and Menzo Windhouwer</i>
11:10 – 11:30	Leveraging semantics to represent and compute quantitative indexes. The RDFIndex approach <i>Jose Maria Álvarez-Rodríguez, José Emilio Labra-Gayo, and Patricia Ordoñez de Pablos</i>

11:30 – 11:45	Using metadata standards to improve national and IMF data <i>Nalini Umashankar</i>	
11:45 – 12:00	Questions	
12:00 – 12:20	Coffee break – Refreshments	
	Chairs : Ozgu Can and John Stoitsis	
	<b>Track on European and National projects</b>	
12:20 – 12:40	Semantic accessibility to e-learning web services <i>Juan Manuel Dodero, Manuel Palomo-Duarte, Iván Ruiz-Rube, and Ignacio Traverso</i>	
12:40 – 13:00	Exploring the potential for mapping Schema.org microdata and the web of linked data <i>Alberto Nogales, Miguel-Angel Sicilia, Elena García-Barriocanal, and Salvador Sánchez-Alonso</i>	
13:00 – 13:10	<b>Poster Presentation</b>	
	Effective Use of Metadata: From DITA XML to Semantic MediaWiki <i>Tobias Noeske</i>	
13:10 – 13:20	Questions	
13:20 – 14:20	Lunch break	
	<b>Conference Room “Stefanos Dragoumis”</b>	<b>Conference Room “Melina Mercouri”</b>
	Chair : Manolis Gergatsoulis	Chairs : Juan Ignacio Pane Fernandez and Effie Tsiflidou
	<b>Track on Metadata and Semantics for Cultural Collections and Applications</b>	<b>Track on Metadata and Semantics for Agriculture, Food and Environment</b>
14:20 – 14:40	Federating natural history museums in natural Europe <i>Konstantinos Makris, Giannis Skevakis, Varvara Kalokyri, Polyxeni Arapi, Stavros Christodoulakis, John Stoitsis, Nikos Manolis, and Sarah Leon Rojas</i>	agriOpenLink: towards adaptive agricultural processes enabled by open interfaces, linked data and services <i>Slobodanka D. Kathrin Tomic, Anna Fensel, Christian Aschauer, Klemens Gregor Schulmeister, Thomas Riegler, Franz Handler, Marcel Otte, and Wolfgang Auer</i>
14:40 – 15:00	Toward common ontologies of facets of the archival access portal <i>Tarvo Kärberg</i>	Issues in harvesting resources from agricultural repositories <i>Devika P. Madalli</i>
15:00 – 15:30	Coffee break – Refreshments	
15:30 – 15:50	A meta-model agreement for architectural heritage <i>Michail Agathos and Sarantos Kapidakis</i>	Preliminary work towards publishing vocabularies for germplasm and soil data as linked data <i>Valeria Pesce, Guntram Geser, Caterina Caracciolo, Johannes Keizer, and Giovanni L'Abate</i>
15:50 – 16:10	Highlights of library data models in the era of linked open data <i>Sofia Zapounidou, Michalis Sfakakis, and Cristos Papatheodorou</i>	Ontology-based representation of scientific laws on beef production and consumption <i>Piotr Kulicki, Robert Trypuz, Rafał Trójczak, Jerzy Wierzbiński, and Alicja Woźniak</i>
16:10 – 16:30	Questions	Semantic shared spaces for task allocation in a robotic fleet for precision agriculture <i>Domagoj Drenjanac, Lukas Klausner, Eva Kühn, Slobodanka Dana Kathrin Tomic</i>
16:30 – 16:50		Questions
	<b>Conference Room “Melina Mercouri”</b>	
17:00 – 19:00	<b>“Open Data Working Group Meeting”</b> ( <a href="http://opendata.ellak.gr/?p=387">http://opendata.ellak.gr/?p=387</a> )	<b>Part of the Greek Free / Open Source Software Society (GFOSS)</b> ( <a href="http://www.ellak.gr/greek-free-open-source-software-societygfofs/">http://www.ellak.gr/greek-free-open-source-software-societygfofs/</a> )

## Thursday, 21<sup>st</sup> November 2013

08:00 – 09:30	Registration	
	<b>Conference Room “Melina Mercouri”</b>	
	Chairs : Carl Lagoze and Sissi Closs	
09:30 – 10:20	Keynote Speaker : <b>Associate Professor Michail Salampasis</b> <b>Rethinking the Search Experience: What could professional search systems do better?</b>	
	<b>General Session</b> <b>Platforms for research data sets, system architecture and data management</b>	
10:20 – 10:40	Advancing the DFC semantic technology platform via HIVE innovation <i>Mike C. Conway, Jane Greenberg, Reagan Moore, Mary Whitton, and Le Zhang</i>	
10:40 – 11:00	Metadata, domain specific languages and visualizations as internal artifacts driving an agile knowledge engineering methodology <i>Angelos Yannopoulos, Yannis Christodoulou, Effie Bountris, Katia Savrami and Maria Douza</i>	
11:00 – 11:30	Coffee break – Refreshments	
11:30 – 11:50	OAIzer: configurable OAI exports over relational databases <i>Sandro La Bruzzo, Paolo Manghi and Alessia Bardi</i>	
11:50 – 12:10	Tools and techniques for assessing metadata quality <i>Effie Tsiflidou and Nikolaos Manouselis</i>	
12:10 – 12:30	Linking search results, bibliographical ontologies and linked open data resources <i>Fabio Ricci, Javier Belmonte, Eliane Blumer, and René Schneider</i>	
12:30 – 12:50	A simple approach towards SKOSification of digital repositories <i>Enayat Rajabi, Miguel-Angel Sicilia, and Salvador Sanchez-Alonso</i>	
12:50 – 13:10	Questions	
13:15 – 14:15	Lunch break	
	<b>Conference Room “Melina Mercouri”</b>	<b>Conference Room “Stefanos Dragoumis”</b>
	Chairs : Mike Conway, Andreas Vlachidis and Emmanouel Garoufallou	Chairs : Nikos Housos and Imma Subirats
	<b>Track on Big Data and Digital Libraries in Health, Science and Technology</b>	<b>Track on Metadata and Semantics for Open Repositories, Research Information Systems and Data Infrastructures</b>
14:20 – 14:40	The semantics of negation detection in archaeological grey literature <i>Andreas Vlachidis and Douglas Tudhope</i>	Semantically enhanced interactions between heterogeneous data life-cycles: analyzing educational lexica in a virtual research environment <i>Basil Ell, Christoph Schindler, and Marc Rittberger</i>
14:40 – 15:00	A preliminary approach on ontology-based visual query formulation for big data <i>Ahmet Soylu, Martin G. Skjæveland, Martin Giese, Ian Horrocks, Ernesto Jimenez-Ruiz, Evgeny Kharlamov, and Dmitriy Zheleznyakov</i>	Integrating heterogeneous and distributed information about marine species through a top level ontology <i>Yannis Tzitzikas, Carlo Allocca, Chryssoula Bekiari, Yannis Marketakis, Pavlos Fafalios, Martin Doerr, Nikos Minadakis, Theodore Patkos, and Leonardo Candela</i>
15:00 – 15:20	1-5 stars: metadata on the openness level of open data sets in Europe <i>Sébastien Martin, Muriel Foulonneau, and Slim Turki</i>	A semantic approach for the annotation of figures: application to high-energy physics <i>Piotr Praczyk and Javier Noguera-Iso</i>
15:20 – 15:50	Coffee break – Refreshments	
15:50 – 16:10	Personalized vaccination using ontology based profiling <i>Ozgu Can, Emine Sezer, Okan Bursa, and Murat Osman Unalir</i>	Towards a stepwise method for unifying and reconciling corporate names in public contracts metadata: The CORFU technique

		<i>Jose María Álvarez-Rodríguez, Patricia Ordoñez de Pablos, Michail Vafopoulos, and José Emilio Labra-Gayo</i>
16:10 – 16:30	Metadata requirements for repositories in health informatics research: evidence from the analysis of social media citations <i>Dimitris Rousidis, Emmanouel Garoufallou, Panos Balatsoukas, Kostas Paraskeuopoulos, Stella Asderi, and Damiana Koutsomiha</i>	Merging controlled vocabularies through semantic alignment based on linked data <i>Ioannis Papadakis and Konstantinos Kyprianos</i>
16:30 – 16:50	Big data for enhanced learning analytics: a case for large-scale comparative assessments <i>Nikolaos Korfiatis</i>	Transient and persistent RDF views over relational databases in the context of digital repositories <i>Nikolaos Konstantinou, Dimitrios-Emmanuel Spanos, and Nikolas Mitrou</i>
16:50 – 17:10	Questions	Document mark-up for different users and purposes <i>David King and David R. Morse</i>
17:10 – 17:30		Questions
<b>20:30</b>	<b>Gala Dinner</b>  <b>The Gala Dinner will take place at the Agioli Restaurant (Leoforos Nikis 15)</b> <b><a href="http://www.agioli.gr/">http://www.agioli.gr/</a></b>	

## Friday, 22nd November 2013

Conference Room “Melina Mercouri”	
Chairs : R.J. Hartley and Ute Petkakis	
10:00 – 10:50	<p style="text-align: center;">Keynote Speaker:  <b>Professor Stefan Gradmann</b>  <b>Towards a Semantic Research Library: Digital Humanities Research, Europeana and the Linked Data Paradigm</b></p>
	<p><b>General Session</b>  <b>Metadata and Ontology validation, evaluation, mapping and interoperability</b></p>
10:50 – 11:10	<p>Encoding provenance metadata for social science datasets  <i>Carl Lagoze, Jeremy Williams, and Lars Vilhuber</i></p>
11:10 – 11:30	<p>Using metadata to facilitate understanding and certification of assertions about the preservation properties of a preservation system  <i>Jewel H. Ward, Hao Xu, Mike C. Conway, Terrell G. Russell, and Antoine de Torcy</i></p>
11:30 – 11:50	Coffee break – Refreshments
11:50 – 12:10	<p>CMSs, linked data and semantics: a linked data mashup over drupal for personalized search  <i>Aikaterini K. Kalou, Dimitrios A. Koutsomitropoulos, and Georgia D. Solomou</i></p>
12:10 – 12:30	<p>Cross-language ontology alignment utilizing machine translation models  <i>Antonis Koukourikos, Pythagoras Karampiperis, and Giannis Stoitsis</i></p>
12:30 – 12:50	<p>Applying the nominal group technique for metadata training of domain experts  <i>Nikos Palavitsinis, Nikos Manouselis, and Charalampos Karagiannidis</i></p>
12:50 – 13:10	<p>Perceived helpfulness of Dublin Core semantics: an empirical study  <i>Mohammad Yasser Chuttur</i></p>
13:10 – 13:20	Questions
13:20 – 14:10	Lunch break
Chairs : Miguel-Angel Sicilia, Nikos Housos and Alessia Bardi	
European and National projects - Presentations	
14:10 – 14:25	<p>An ontology-based knowledge model for marketing decision support in Tourism  <i>George Stalidis and Dimitrios Karapistolis</i></p>
14:25 – 14:40	<p>The BlogForever project  <i>Vangelis Banos</i></p>
14:40 – 15:00	<p style="text-align: center;"><b>General Session</b>  <b>Platforms for research data sets, system architecture and data management</b></p> <p>Change and a Future for Metadata  <i>Jane Greenberg and Emmanouel Garoufallou</i></p>
15:00 – 15:15	Final remarks – Closing ceremony
15:15 – 15:30	Coffee break – Refreshments
15:30 – 16:15	Project collaboration brain storming – Close session



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