



Metadata and Semantics Research Conference Thessaloniki 2013

Accepted Papers

MTSR 2013 : 7th Metadata and Semantics Research Conference

General Session

Platforms for research data sets, system architecture and data management

Advancing the DFC semantic technology platform via HIVE innovation

Mike C. Conway, Jane Greenberg, Reagan Moore, Mary Whitton, and Le Zhang

Metadata, domain specific languages and visualizations as internal artifacts driving an agile knowledge engineering methodology

Angelos Yannopoulos, Yannis Christodoulou, Effie Bountris, Katia Savrami and Maria Douza

OAIzer: configurable OAI exports over relational databases

Sandro La Bruzzo, Paolo Manghi and Alessia Bardi

CMSs, linked data and semantics: a linked data mashup over drupal for personalized search

Aikaterini K. Kalou, Dimitrios A. Koutsomitropoulos, and Georgia D. Solomou

Linking search results, bibliographical ontologies and linked open data resources

Fabio Ricci, Javier Belmonte, Eliane Blumer, and René Schneider

A simple approach towards SKOSification of digital repositories

Enayat Rajabi, Miguel-Angel Sicilia, and Salvador Sanchez-Alonso

Change and a Future for Metadata

Jane Greenberg and Emmanouel Garoufallou

Metadata and Ontology validation, evaluation, mapping and interoperability

Cross-language ontology alignment utilizing machine translation models

Antonis Koukourikos, Pythagoras Karampiperis, and Giannis Stoitsis

Using metadata to facilitate understanding and certification of assertions about the preservation properties of a preservation system

Jewel H. Ward, Hao Xu, Mike C. Conway, Terrell G. Russell, and Antoine de Torcy

Tools and techniques for assessing metadata quality

Effie Tsiflidou and Nikolaos Manouselis

Applying the nominal group technique for metadata training of domain experts

Nikos Palavitsinis, Nikos Manouselis, and Charalampos Karagiannidis

Encoding provenance metadata for social science datasets

Carl Lagoze, Jeremy Williams, and Lars Vilhuber

Perceived helpfulness of Dublin Core semantics: an empirical study

Mohammad Yasser Chuttur

Content management

A semantic model for personal consent management

Ozgu Can

Storing metadata as QR codes in multimedia streams

Athanasios Zigomitros and Constantinos Patsakis

Semantic mapping in CLARIN component metadata

Matej Durco and Menzo Windhouwer

Using metadata standards to improve national and IMF data

Nalini Umashankar

Leveraging semantics to represent and compute quantitative indexes. The RDFIndex approach

Jose María Álvarez-Rodríguez, José Emilio Labra-Gayo, and Patricia Ordoñez de Pablos

Track on Big Data and Digital Libraries in Health, Science and Technology

The semantics of negation detection in archaeological grey literature

Andreas Vlachidis and Douglas Tudhope

A preliminary approach on ontology-based visual query formulation for big data

Ahmet Soylu, Martin G. Skjæveland, Martin Giese, Ian Horrocks, Ernesto Jimenez-Ruiz, Evgeny Kharlamov, and Dmitriy Zheleznyakov

Personalized vaccination using ontology based profiling

Ozgu Can, Emine Sezer, Okan Bursa, and Murat Osman Unalir

Big data for enhanced learning analytics: a case for large-scale comparative assessments

Nikolaos Korfiatis

1-5 stars: metadata on the openness level of open data sets in Europe

Sébastien Martin, Muriel Foulonneau, and Slim Turki

Metadata requirements for repositories in health informatics research: evidence from the analysis of social media citations

Dimitris Rousidis, Emmanouel Garoufallou, Panos Balatsoukas, Kostas Paraskeuopoulos, Stella Asderi, and Damiana Koutsomih

Track on European and National projects, and Project Networking

Semantic accessibility to e-learning web services

Juan Manuel Dodero, Manuel Palomo-Duarte, Iván Ruiz-Rube, and Ignacio Traverso

Exploring the potential for mapping Schema.org microdata and the web of linked data

Alberto Nogales, Miguel-Angel Sicilia, Elena García-Barriocanal, and Salvador Sánchez-Alonso

Track on Metadata and Semantics for Open Repositories, Research Information Systems and Data Infrastructures

Semantically enhanced interactions between heterogeneous data life-cycles: analyzing educational lexica in a virtual research environment

Basil Ell, Christoph Schindler, and Marc Rittberger

Integrating heterogeneous and distributed information about marine species through a top level ontology
Yannis Tzitzikas, Carlo Allocca, Chryssoula Bekiari, Yannis Marketakis, Pavlos Fafalios, Martin Doerr, Nikos Minadakis, Theodore Patkos, and Leonardo Candela

A semantic approach for the annotation of figures: application to high-energy physics
Piotr Praczyk and Javier Nogueras-Iso

Towards a stepwise method for unifying and reconciling corporate names in public contracts metadata: The CORFU technique
Jose María Álvarez-Rodríguez, Patricia Ordoñez de Pablos, Michail Vafopoulos, and José Emilio Labra-Gayo

Merging controlled vocabularies through semantic alignment based on linked data
Ioannis Papadakis and Konstantinos Kyprianos

Transient and persistent RDF views over relational databases in the context of digital repositories
Nikolaos Konstantinou, Dimitrios-Emmanuel Spanos, and Nikolas Mitrou

Document mark-up for different users and purposes
David King and David R. Morse

Track on Metadata and Semantics for Cultural Collections and Applications

Federating natural history museums in natural Europe
Konstantinos Makris, Giannis Skevakis, Varvara Kalokyri, Polyxeni Arapi, Stavros Christodoulakis, John Stoitsis, Nikos Manolis, and Sarah Leon Rojas

Toward common ontologies of facets of the archival access portal
Tarvo Kärberg

A meta-model agreement for architectural heritage
Michail Agathos and Sarantos Kapidakis

Highlights of library data models in the era of linked open data
Sofia Zapounidou, Michalis Sfakakis, and Cristos Papatheodorou

Track on Metadata and Semantics for Agriculture, Food and Environment

agriOpenLink: towards adaptive agricultural processes enabled by open interfaces, linked data and services
Slobodanka D. Kathrin Tomic, Anna Fensel, Christian Aschauer, Klemens Gregor Schulmeister, Thomas Riegler, Franz Handler, Marcel Otte, and Wolfgang Auer

Issues in harvesting resources from agricultural repositories
Devika P. Madalli

Preliminary work towards publishing vocabularies for germplasm and soil data as linked data
Valeria Pesce, Guntram Geser, Caterina Caracciolo, Johannes Keizer, and Giovanni L'Abate

Ontology-based representation of scientific laws on beef production and consumption
Piotr Kulicki, Robert Trypuz, Rafał Trójezak, Jerzy Wierzbicki, and Alicja Woźniak

Semantic shared spaces for task allocation in a robotic fleet for precision agriculture
Domagoj Drenjanac, Lukas Klausner, Eva Kühn, Slobodanka Dana Kathrin Tomic