

## Accepted Papers

### **MTSR 2018: 12th International Conference on Metadata and Semantics Research 23-26 October 2018, Limassol, Cyprus**

#### **General Session**

A Semantic Web SKOS Vocabulary Service for Open Knowledge Organization Systems  
*Andreas Ledl and Jonas Waeber*

Navigating OWL 2 Ontologies through Graph Projection  
*Ahmet Soylu and Evgeny Kharlamov*

Legal Entity Identifier blockchained by a Hyperledger Indy implementation of GraphChain  
*Mirek Sopek, Przemysław Grądzki, Dominik Kuziński, Rafał Trójczak and Robert Trypuz*

Query Translation for Cross-lingual Search in the Academic Search Engine PubPsych  
*Cristina España-Bonet, Juliane Stiller, Roland Ramthun, Josef van Genabith and Vivien Petras*

ViziQuer: A Visual Notation for RDF Data Analysis Queries  
*Kārlis Čerāns, Agris Sostaks, Uldis Bojars, Juris Barzdins, Julija Ovcinnikova, Lelde Lace, Mikus Grasmanis and Arturs Sprogis*

Linked Data Live Exploration with Complete Results  
*Samita Bai, Sharaf Hussain and Shakeel Khoja*

Document Based RDF Storage Method for Efficient Parallel Query Processing  
*Eleftherios Kalogeros, Manolis Gergatsoulis and Matthew Damigos*

A Systematic Approach to Review Legacy Schemas Based on Ontological Analysis  
*Raquel Lima Façanha, Maria Claudia Cavalcanti and Maria Luiza Machado Campos*

Towards a holistic documentation and wider use of Digital Cultural Heritage  
*Marinos Ioannides and Robert Davies*

Graph Matching based Semantic Search Engine  
*Mamdouh Farouk, Mitsuru Ishizuka and Danushka Bollegala*

SKOS-based Concept Expansion for LOD-enabled Recommender Systems

*Lisa Wenige, Geraldine Berger and Johannes Ruhland*

The Genesis of EngMeta - A Metadata Model for Research Data in Computational Engineering

*Björn Schembera and Dorothea Iglezakis*

## **Track on Digital Libraries, Information Retrieval, Big, Linked, Social and Open Data**

Analysing and Visualising Open Data within the Data & Analytics Framework

*Francesca Fallucchi, Michele Petito and Ernesto William De Luca*

Formalizing enrichment mechanisms for bibliographic ontologies in the Semantic Web

*Helena Patrício, Maria Inês Cordeiro and Pedro Ramos*

GLOBDEF: A framework for dynamic pipelines of semantic data enrichment tools

*Maria Nisheva-Pavlova and Asen Alexandrov*

Relating Legal Entities via Open Information Extraction

*Giovanni Siragusa, Luigi Di Caro, Rohan Nanda and Valeria de Paiva*

Ontology-based information retrieval: development of a semantic-based tool for the media industry

*Ricardo Eito-Brun*

Ontologies for data science: on its role and applications

*Miguel-Angel Sicilia, Elena Garcia-Barriocanal, Salvador Sanchez-Alonso and Marçal Mora-Cantallops*

## **Track on Cultural Collections and Applications**

Authify: the Reconciliation of Entities at Scale

*Philip Schreur and Tiziana Possemato*

Assessing the preservation of derivative relationships in mappings from FRBR to BIBFRAME

*Sofia Zapounidou, Michalis Sfakakis and Christos Papatheodorou*

Metadata Standards for Palm Leaf Manuscripts in Asia

*Nisachol Chamnongsri*

The Benefits of Linking Metadata for Internal and External users of an Audiovisual Archive

*Victor de Boer, Tim de Bruyn, John Brooks and Jesse de Vos*

Evaluating Data Quality in Europeana: Metrics for Multilinguality

*Péter Király, Juliane Stiller, Valentine Charles, Werner Bailer and Nuno Freire*

## **Track on Knowledge IT Artifacts (KITA) in professional communities and aggregations**

Artifacts - A platform for making sense of and telling stories with cultural objects

*Leonardo de Araújo*

A Semantic-based Metadata Schema to handle System and Software Configuration

*Ricardo Eito-Brun*

Knowledge Artifacts for the Health: the PERCIVAL Project

*Fabio Sartori, Riccardo Melen, Matteo Lombardi and Davide Maggiotto*

## **Track on Digital Humanities and Digital Curation**

Connecting and Mapping LOD and CMDI through Knowledge Organization

*Francesca Fallucchi and Ernesto William De Luca*

Creating CMDI-Profiles for Textbook Resources

*Francesca Fallucchi, Steffen Hennicke and Ernesto William De Luca*

Restrictions and Chances for Digital Curation (Presentation)

*Ivo Keller*

## **Track on European and National Projects**

Towards a Knowledge Graph based Platform for Public Procurement

*Elena Simperl, Oscar Corcho, Marko Grobelnik, Dumitru Roman, Ahmet Soyly, María Jesús Fernández Ruíz, Stefano Gatti, Chris Taggart, Urška Skok Klima, Annie Ferrari Uliana, Ian Makgill and Till Christopher Lech*

Metadata for large-scale research instruments

*Vasily Bunakov*

Set up of a metadata strategy – First step: indexing your data (Presentation)

*Jean Miguët and Stéphane Auger*

## **Track on Agriculture, Food and Environment**

Identification and exchange of regulated information on chemicals: from metadata to Core Vocabulary

*Alicja Agnieszka Dys*

Development of methodologies and standardized services for supporting forest economics

*Thomas Katagis, Nikolaos Grammalidis, Evangelos Maltezos,  
Vasiliki Charalampopoulou and Ioannis Gitas*

Semantics for Data in Agriculture: A Community-based Wish List

*Caterina Caracciolo, Sophie Aubin, Brandon Whitehead and Panagiotis Zervas*

## **Track on Open Repositories, Research Information Systems and Data Infrastructures**

Open Citation Content Data

*Mikhail Kogalovsky, Thomas Krichel, Victor Lyapunov, Oxana Medvedeva,  
Sergey Parinov and Varvara Sergeeva*

The case for ontologies in decentralized energy systems

*Miguel-Angel Sicilia, Elena Garcia-Barriocanal and Salvador Sanchez-Alonso*

## **Accepted Posters**

First steps towards a national ICT Infrastructure in the Netherlands - LOD used for a thematic portal

*Lizzy Komen*

EFSA controlled terminology- FoodEx2 classification and description system

*Davide Gibin and Sofia Ioannidou*

Metadata based datasets placement in Smart grids

*Asma Zgolli, Christine Collet and Housseem Chihoub*

The use of Semantic Web in French Digital Libraries: Evolution and Contribution of Professional Practices

*Hiba Melhem*