Accepted Papers
(accepted full research papers, short papers, and presentations)

MTSR 2021 VIRTUAL CONFERENCE
15th International Conference on Metadata and Semantics Research
November 29th – December 3rd, 2021
Complutense University of Madrid.

On metadata quality in Sceiba: a platform for quality control and monitoring of Cuban scientific publications
Eduardo Arencibia, Rafael Martinez, Yohannis Marti-Lahera and Marc Goovaerts

A Practical Approach of Actions for FAIRification Workflows
Natalia Queiroz de Oliveira, Vânia Borges, Henrique F. Rodrigues, Maria Luiza Machado Campos and Giseli Rabello Lopes

An integrated FAIRness assessment grid for semantic resources and ontologies
Emna Amdouni and Clement Jonquet

Managing and Compiling Data Dependencies for Semantic Applications using Databus Client
Johannes Frey, Fabian Götz, Marvin Hofer and Sebastian Hellmann

Scholarly Artifacts Knowledge Graph: Use cases for Digital Libraries
Fidan Limani, Atif Latif and Klaus Tochtermann

FAIR Metadata: A Community-driven Vocabulary Application
Christopher Rauch, Mat Kelly, John Kunze and Jane Greenberg

GAP: Enhancing Semantic Interoperability of Genomic Datasets and Provenance Through Nanopublications
Matheus Pedra Puime Feijoó, Rodrigo Jardim, Sergio Serra and Maria Luiza Campos

KG-Visual: A Tool for Visualizing RDF Knowledge Graphs
Devanshika Ghosh and Enayat Rajabi

A morpheme-based paradigm for the ontological analysis of Modern Greek derivational morphology
Nikos Vasilogamvrakis and Michalis Sfakakis

A UML-style Visual Query Environment over DBPedia
Kārlis Čerāns, Lelde Lace, Mikus Grasmanis and Julija Ovcinnikova

Towards the FAIRification of Meteorological Data: a Meteorological Semantic Model
Amina Annane, Mouna Kamel, Cassia Trojahn, Nathalie Aussenac-Gilles, Catherine Comparot and Christophe Baehr

MEtaData Format for Open Reef Data (MEDFORD)
Polina Shpilker, John Freeman, Hailey McKelvie, Jill Ashey, Jay-Miguel Fonticella, Hollie Putnam, Jane Greenberg, Lenore Cowen, Alva Couch and Noah Daniels

Generating Answerable Questions from Ontologies for Educational Exercises
Toky Hajatiana Raboanary, C. Maria Keet and Steve Wang

Digitizing, Transcribing and Publishing the Handwritten Music Score Archives of Ionian Islands Philharmonic Bands
Eleftherios Kalogeros, Matthew Damigos, Michalis Sfakakis, Sofia Zapounidou, Aggeliki Drakopoulou, Costas Zervopoulos, Gerasimos Martinis, Christos Papatheodorou and Manolis Gergatsoulis

An ontology to structure biological data: the contribution of mathematical models
Olivier Inizan, Vincent Fromion, Anne Goelzer, Fatiha Saïs and Danai Symeonidou

Edumeres Toolbox: Functional, Technical, Architectural Analysis
Ernesto William De Luca, Francesca Fallucchi and Cristian Nobili

Enabling Publishing and Reuse of Government Data Through the Republic of Cyprus Open Data Portal
Christos Rodosthenous and Dimitris Michail

A Semantic Technologies Toolkit for Bridging Early Diagnosis and Treatment in Brain Diseases - Report from the Ongoing EU-funded Research Project ALAMEDA
Christoniki Maga-Nteve, Efstratios Kontopoulos, Nikos Tsolakis, Ioannis Katakis, Evangelos Mathioudis, Panagiotis Mitzias, Konstantinos Avgerinakis, Georgios Meditskos, Anastasios Karakostas, Stefanos Vrochidis and Ioannis Kompatsiaris

CoVoMe: New methodology for building controlled vocabulary
Dominik Tomaszuk

Topic identification of Instagram hashtag sets for image tagging: An empirical assessment
Stamatios Giannoulakis and Nicolas Tsapatsoulis

Ontology of Experimental Variables as an Extension of Infrastructure for Behavioral Research Data FAIRification
Alena Begler, Grigoriy Anufriev and Irina Leshcheva

Publishing LOD vocabularies in any schema with Semantics.gr

Haris Georgiadis, Georgia Angelaki, Elena Lagoudi, Nikos Vasilogamvrakis, Kostas Stamatis, Agathi Papanoti, Alexia Panagopoulou, Katerina Bartzi, Dimitris Charlaftis, Eleni Angelidi, Despina Hardouveli, Poly Karagianni and Evi Sachini

BERT model-based approach for detecting racism and xenophobia on Twitter data

José Alberto Benítez-Andrades, Álvaro González-Jiménez, Álvaro López-Brea, Carmen Benavides, José Aveleira-Mata, Jose-Manuel Alija-Pérez and María Teresa García-Ordás

A Web-based Recommendation Mechanism for Learning Objects Combining Ontologies and Zero-shot Learning

Dimitrios Koutsomitropoulos and Dimitrios Charalampopoulos

Ontology-based Interestingness in COVID-19 Data

Abhilash C B and Kavi Mahesh

Experimenting the impact of a healthcare ontology in improving recommendation accuracy

Alessandro Cabroni and Francesca Fallucchi.

Expressing Significant Others by Gravitation in the Ontology of Greek Mythology

Juan-Antonio Pastor-Sánchez, Sándor Darányi and Efstratios Kontopoulos

Semantic Information Extraction in Archaeology: Challenges in the Construction of a Portuguese Corpus of Megalithism

Ivo Santos and Renata Vieira

Best of both worlds? Mapping process metadata in Digital Humanities and Computational Engineering

Kerstin Jung, Björn Schembera and Markus Gärtner

Publishing Cultural Heritage Collections of Ghent with Linked Data Event Streams

Brecht Van de Vyvere, Olivier Van D'Huynslager, Achraf Atauil, Maarten Segers, Leen Van Campe, Niels Vandekeybus, Sofie Teugels, Alina Saenko, Pieter-Jan Pauwels and Pieter Colpaert

Potentials of Research Knowledge Graphs for Interlinking Participatory Archives: the Case of Distributed School Archives

Julian Hocker, Christoph Schindler, Marc Rittberger, Annett Krefft, Marco Lorenz and Joachim Scholz

E-Government and COVID-19: An empirical study in Greece

Chrysanthi Chatzopoulou, Dimitrios Tsolkanakis, Symelia M. Vasileiadou, Konstantinos Kyriakidis, Konstantina Skoutzouri, Despina Kirtikidou, Syed Iftikhar Hussain Shah and Vassilios Peristeras

A process reverse engineering approach using Process and Observation Ontology and Probabilistic Relational Models: application to processing of bio-composites for food packaging

Melanie Munch, Patrice Buche, Cristina Manfredotti, Pierre-Henri Wuillemin and Hélène Angellier-Coussy

KERMITviz: Visualizing Neural Network Activations on Syntactic Trees

Leonardo Ranaldi, Francesca Fallucchi, Andrea Santilli and Fabio Massimo Zanzotto

Conceptual and Computational Modeling of String Similarity Functions in Case-Based Reasoning: a Case Study

Fabio Sartori and Elisa Curzietti

Integration of ontologies with decentralized autonomous organizations development: A systematic literature review

María-Cruz Valiente and David Rozas

Semantic Enrichment of the Schoenberg Database of Manuscripts Name Authority through Wikidata

L.P. Coladangelo and Lynn Ransom

The Digital Scriptorium 2.0 Data Model: Saving a Legacy Database Using Linked Open Data

Emma Thomson