

MTSR 2021

<http://www.mtsr-conf.org/>

15th International Conference on Metadata and Semantics Research

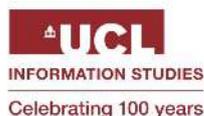
29th November - 3rd December 2021

Virtual Conference

Organizers:



UNIVERSIDAD
COMPLUTENSE
MADRID



DIPARTIMENTO DI
INFORMATICA, SISTEMISTICA E
COMUNICAZIONE



Department of Library Science
Archives and Information Systems



Cyprus
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MTSR 2021 VIRTUAL CONFERENCE
15th International Conference on Metadata and Semantics Research
November 29th – December 3rd, 2021
Complutense University of Madrid
MTSR 2021 Conference is in GMT (Greenwich Mean Time).

Monday, 29th November 2021

10:00 – 12:00	MTSR meeting Attendance by invitation-only
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Tuesday, 30th November 2021

10:00 – 13:00	MTSR meeting with stakeholders Attendance by invitation-only
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Wednesday, 1st December 2021

13:00 – 13:20	Day Conference Welcome by María-Antonia Ovalle-Perandones Complutense University of Madrid, Spain Andreas Vlachidis University College London, United Kingdom
	General Session and European and National Projects Chaired by María-Antonia Ovalle-Perandones
13:20 – 13:40	E-Government and COVID-19: An empirical study in Greece <i>Chrysanthi Chatzopoulou, Dimitrios Tsolkankis, Symelia M. Vasileiadou, Konstantinos Kyriakidis, Konstantina Skoutzouri, Despina Kirtikidou, Syed Iftikhar Hussain Shah and Vassilios Peristeras</i>
13:40 – 14:00	Ontology-based Interestingness in COVID-19 Data <i>Abhilash C B and Kavi Mahesh</i>
14:00 – 14:20	GAP: Enhancing Semantic Interoperability of Genomic Datasets and Provenance Through Nanopublications <i>Matheus Pedra Puime Feijoó, Rodrigo Jardim, Sergio Serra and Maria Luiza Campos</i>

14:20 – 14:35	A Semantic Technologies Toolkit for Bridging Early Diagnosis and Treatment in Brain Diseases - Report from the Ongoing EU-funded Research Project ALAMEDA <i>Christoniki Maga-Nteve, Efstratios Kontopoulos, Nikos Tsolakis, Ioannis Katakis, Evangelos Mathioudis, Panagiotis Mitzias, Konstantinos Avgerinakis, Georgios Meditskos, Anastasios Karakostas, Stefanos Vrochidis and Ioannis Kompatsiaris</i>
14:35 – 14:45	Experimenting the impact of a healthcare ontology in improving recommendation accuracy <i>Alessandro Cabroni and Francesca Fallucchi</i>
14:45 – 15:00	--- Break ---
	General Session and Open Repositories, Research Information Systems & Data Infrastructures Chaired by Jane Greenberg
15:00 – 15:20	FAIR or FAIRer? An integrated quantitative FAIRness assessment grid for semantic resources and ontologies <i>Emna Amdouni and Clement Jonquet</i>
15:20 – 15:40	Towards the FAIRification of Meteorological Data: a Meteorological Semantic Model <i>Amina Annane, Mouna Kamel, Cassia Trojahn, Nathalie Aussenac-Gilles, Catherine Comparot and Christophe Baehr</i>
15:40- 16:00	A Practical Approach of Actions for FAIRification Workflows <i>Natalia Queiroz de Oliveira, Vânia Borges, Henrique F. Rodrigues, Maria Luiza Machado Campos and Giseli Rabello Lopes</i>
16:00 – 16:20	Managing and Compiling Data Dependencies for Semantic Applications using Databus Client <i>Johannes Frey, Fabian Götz, Marvin Hofer and Sebastian Hellmann</i>
16:20 – 16:40	KG-Visual: A Tool for Visualizing RDF Knowledge Graphs <i>Devanshika Ghosh and Enayat Rajabi</i>
16:40 – 16:55	On metadata quality in Sceiba: a platform for quality control and monitoring of Cuban scientific publications <i>Eduardo Arencibia, Rafael Martinez, Yohannis Marti-Lahera and Marc Goovaerts</i>

Thursday, 2nd December 2021

	General Session and Knowledge IT Artifacts (KITA) and Decentralized Applications, Blockchains and P2P systems Chaired by Fabio Sartori
9:00 – 9:20	KERMITviz: Visualizing Neural Network Activations on Syntactic Trees <i>Leonardo Ranaldi, Francesca Fallucchi, Andrea Santilli and Fabio Massimo Zanzotto</i>
9:20 – 9:40	BERT model-based approach for detecting racism and xenophobia on Twitter data <i>José Alberto Benítez-Andrades, Álvaro González-Jiménez, Álvaro López-Brea, Carmen Benavides, José Aveleira-Mata, Jose-Manuel Alija-Pérez and María Teresa García-Ordás</i>
9:40 – 10:00	Topic identification of Instagram hashtag sets for image tagging: An empirical assessment <i>Stamatios Giannoulakis and Nicolas Tsapatsoulis</i>
10:00 – 10:20	Integration of ontologies with decentralized autonomous organizations development: A systematic literature review <i>María-Cruz Valiente and David Rozas</i>
10:20 – 10:30	Conceptual and Computational Modeling of String Similarity Functions in Case-Based Reasoning: a Case Study <i>Fabio Sartori and Elisa Curzietti</i>
10:30 - 11:00	--- Break ---
	General Session and Agriculture, Food & Environment Chaired by Antonis Bikakis
11:00 – 11:20	Generating Answerable Questions from Ontologies for Educational Exercises <i>Toky Hajatiana Raboanary, C. Maria Keet and Steve Wang</i>
11:20 – 11:40	A UML-style Visual Query Environment over DBPedia <i>Kārlis Čerāns, Lelde Lace, Mikus Grasmanis and Julija Ovcinnikova</i>
11:40 – 12:00	CoVoMe: New methodology for building controlled vocabulary <i>Dominik Tomaszuk</i>
12:00 12:20	A process reverse engineering approach using Process and Observation Ontology and Probabilistic Relational Models: application to processing of bio-composites for food packaging <i>Melanie Munch, Patrice Buche, Cristina Manfredotti, Pierre-Henri Willemin and Héléne Angellier-Coussy</i>

12:20 – 12:30	An ontology to structure biological data: the contribution of mathematical models <i>Olivier Inizan, Vincent Fromion, Anne Goelzer, Fatiha Saïs and Danaï Symeonidou</i>
12:30 – 13:00	--- Break ---
	General Session and Digital Humanities and Digital Curation Chaired by Ernesto William De Luca and Francesca Fallucchi
13:00 – 13:20	Edumeres Toolbox: Functional, Technical, Architectural Analysis <i>Ernesto William De Luca, Francesca Fallucchi and Cristian Nobili</i>
13:20 – 13:40	Expressing Significant Others by Gravitation in the Ontology of Greek Mythology <i>Juan-Antonio Pastor-Sánchez, Sándor Darányi and Efstratios Kontopoulos</i>
13:40- 13:55	Semantic Information Extraction in Archaeology: Challenges in the Construction of a Portuguese Corpus of Megalithism <i>Ivo Santos and Renata Vieira</i>
13:55 – 14:10	Best of both worlds? Mapping process metadata in Digital Humanities and Computational Engineering <i>Kerstin Jung, Björn Schembera and Markus Gärtner</i>
14:10 – 14:25	MEtaData Format for Open Reef Data (MEDFORD) <i>Polina Shpilker, John Freeman, Hailey McKelvie, Jill Ashey, Jay-Miguel Fonticella, Hollie Putnam, Jane Greenberg, Lenore Cowen, Alva Couch and Noah Daniels</i>
14:25 – 14:45	FAIR Metadata: A Community-driven Vocabulary Application <i>Christopher Rauch, Mat Kelly, John Kunze and Jane Greenberg</i>
14:45 – 15:00	--- Break ---
15:00 – 16:00	Keynote Speaker: Dr. Marcia Lei Zeng, Professor Kent State University, USA Keynote title: “Semantic Enrichment of LAM Data to Support Digital Humanities” Chaired by Emmanouel Garoufallou and Andreas Vlachidis

Friday, 3rd December 2021

	Digital Libraries, Information Retrieval, Big, Linked, Social & Open Data Chaired by Andreas Vlachidis
11:00 – 11:20	Scholarly Artifacts Knowledge Graph: Use cases for Digital Libraries <i>Fidan Limani, Atif Latif and Klaus Tochtermann</i>
11:20 – 11:40	A Web-based Recommendation Mechanism for Learning Objects Combining Ontologies and Zero-shot Learning <i>Dimitrios Koutsomitropoulos and Dimitrios Charalampopoulos</i>
11:40 – 12:00	Ontology of Experimental Variables as an Extension of Infrastructure for Behavioral Research Data FAIRification <i>Alena Begler, Grigoriy Anufriev and Irina Leshcheva</i>
12:00 – 12:20	Publishing LOD vocabularies in any schema with Semantics.gr <i>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</i>
12:20 – 12:40	Enabling Publishing and Reuse of Government Data Through the Republic of Cyprus Open Data Portal <i>Christos Rodosthenous and Dimitris Michail</i>
12:40 – 13:00	--- Break ---
	General Session and Cultural Collections and Applications Chaired by Michalis Sfakakis and Lina Bountouri
13:00 – 13:20	Digitizing, Transcribing and Publishing the Handwritten Music Score Archives of Ionian Islands Philharmonic Bands <i>Eleftherios Kalogeros, Matthew Damigos, Michalis Sfakakis, Sofia Zapounidou, Aggeliki Drakopoulou, Costas Zervopoulos, Gerasimos Martinis, Christos Papatheodorou and Manolis Gergatsoulis</i>
13:20 – 13:40	Publishing Cultural Heritage Collections of Ghent with Linked Data Event Streams <i>Brecht Van de Vyvere, Olivier Van D'Huynslager, Achraf Ataul, Maarten Segers, Leen Van Campe, Niels Vandekeybus, Sofie Teugels, Alina Saenko, Pieter-Jan Pauwels and Pieter Colpaert</i>
13:40 – 14:00	A morpheme-based paradigm for the ontological analysis of Modern Greek derivational morphology <i>Nikos Vasilogamvrakis and Michalis Sfakakis</i>
14:00 – 14:15	Potentials of Research Knowledge Graphs for Interlinking Participatory Archives: the Case of Distributed School Archives <i>Julian Hocker, Christoph Schindler, Marc Rittberger, Annett Krefft, Marco Lorenz and Joachim Scholz</i>

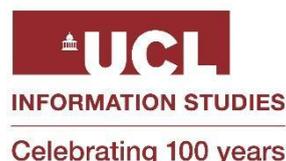
14:15 – 14:25	<p>Semantic Enrichment of the Schoenberg Database of Manuscripts Name Authority through Wikidata (Poster Presentation) <i>L.P. Coladangelo and Lynn Ransom</i></p>
14:25 – 14:35	<p>Best Paper and Best Student Paper Awards Ceremony Sponsored by</p> <p>EuroCRIS: The International Organisation for Research Information</p>
14:35 – 15:00	<p>Final remarks – Closing ceremony Announcement of the next 16th MTSR 2022 Conference</p> <p>Chaired by Emmanouel Garoufallou (International Hellenic University), María-Antonia Ovalle-Perandones (Complutense University of Madrid), Andreas Vlachidis (University College London)</p>

Organizations supporting MTSR 2021 Conference

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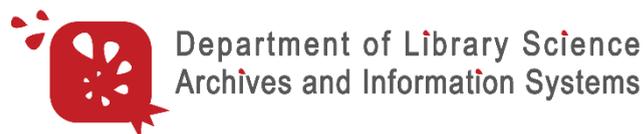
Georg Eckert Institute



Department of Informatics, Systems and
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Department of Library Science, Archives
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Tracks:

MTSR
brings together
scholars and practitioners
that share a common interest
in fields of metadata, ontologies
and semantics research

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- Agriculture, Food & Environment (Agro SEM'21)
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- Digital Humanities and Digital Curation
- Knowledge IT Artifacts (KITA) in professional communities and aggregations
- Decentralized Applications, Blockchains and P2P systems

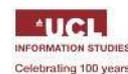
Organizers:



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