

MTSR 2020

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

14th International Conference on Metadata and Semantics Research

2 - 4 December, 2020
Virtual Conference

Organizers:



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Department of Library Science
Archives and Information Systems



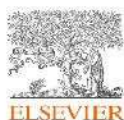
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MTSR 2020 VIRTUAL CONFERENCE
14th International Conference on Metadata and Semantics Research,
2 – 4 December, 2020
organised by the Complutense University of Madrid

MTSR 2020 Conference is in EET (Eastern European Time), Athens, Greece.

Wednesday, 2nd December 2020

15:00-15:15	<p align="center">Conference Welcome by</p> <p align="center">María-Antonia Ovalle-Perandones Complutense University of Madrid</p> <p align="center">Emmanouel Garoufallou International Hellenic University</p>
	<p align="center">General Session, Track on Digital Libraries, Information Retrieval, Big, Linked, Social and Open Data, and DOAble (Digital Open Access Libraries)</p> <p align="center">Chaired by María-Antonia Ovalle-Perandones and Sonia Sánchez-Cuadrado</p>
15:15-15:30	<p>How Can a University Take its First Steps in Open Data?</p> <p align="center">Yannis Tzitzikas, Marios Pitikakis, Giorgos Giakoumis, Kalliopi Varouha and Eleni Karkanaki</p>
15:30-15:45	<p>Machine learning models applied to weather series analysis</p> <p align="center">Riccardo Scano, Francesca Fallucchi and Ernesto William De Luca</p>
15:45-16:00	<p>OntoBelliniLetters: a formal ontology for a corpus of letters of Vincenzo Bellini [video presentation]</p> <p align="center">Salvatore Cristofaro and Daria Spampinato</p>
16:00-16:15	<p>Creative Data Ontology: 'Russian Doll' Metadata Versioning in Film and TV Post- Production Workflows</p> <p align="center">Christos A. Dexiades and Claude P.R. Heath</p>
16:15-16:30	<p>Automatic Human Resources ontology generation from the data of an e-recruitment platform [video presentation]</p> <p align="center">Sabrina Boudjedat, Sihem Bouhenniche, Hakim Mokeddem and Hamid Benachour</p>

16:30-16:45	Linking Author Information: EconBiz Author Profiles Arben Hajra , <i>Tamara Pianos and Klaus Tochtermann</i>
16:45-17:00	An Introduction to Information Network Modeling Capabilities, Utilizing Graphs [video presentation] Paraskevas Koukaras , <i>Dimitris Rousidis and Christos Tjortjis</i>
17:00-17:15	It's Good for Me, It's Good for You – Personal Name Data Enrichment in the Petőfi Literary Museum's Namespace and Wikidata Miklós Péter Hubay
17:15-17:30	Using METS to Express Digital Provenance for Complex Digital Objects Christy Chapman , <i>C. Seth Parker, Stephen Parsons and W. Brent Seales</i>
17:30-17:45	From disconnected datasets to relevant and complementary data: The FAIR Data Principles Juan García , <i>Solution Sales Manager, Research Data Management, Elsevier</i>
17:45-18:00	Break
	Workshop
18:00-20:00	<p>Metadata enriching and filtering through FRBR and RDA</p> <p>Coordinated by</p> <p>Dr Getaneh Alemu Southampton Solent University, United Kingdom</p>

Thursday, 3rd December 2020

14:15-14:30	Day Conference Welcome by María-Antonia Ovalle-Perandones Complutense University of Madrid, Spain
	General Session and Track on Digital Libraries, Information Retrieval, Big, Linked, Social and Open Data Chaired by Gema Bueno de la Fuente and José Alberto Benítez Andrades
14:30-14:45	Lifting Tabular Data to RDF: A Survey <i>Manuel Fiorelli and Armando Stellato</i>
14:45-15:00	Validating SAREF in a Smart Home Environment [video presentation] <i>Roderick van der Weerdt, Victor de Boer, Laura Daniele and Barry Nouwt</i>
15:00-15:15	LigADOS: Interlinking datasets in open data portal platforms on the semantic web <i>Glaucia Botelho De Figueiredo, Kelli de Faria Cordeiro and Maria Luiza Machado Campos</i>
15:15-15:30	Implementing culturally relevant relationships between digital cultural heritage objects <i>Carlos H. Marcondes</i>
15:30-15:45	Entity linking as a population mechanism for skill ontologies: evaluating the use of ESCO and Wikidata [video presentation] <i>Lino González, Miguel-Angel Sicilia and Elena Garcia-Barriocanal</i>
15:45-16:00	An Approach for Representing and Storing RDF Data in Multi-model Databases <i>Simen Dyve Samuelson, Nikolay Nikolov, Ahmet Soylu and Dumitru Roman</i>
16:00-16:15	Examination of NoSQL Transition and Data Mining capabilities [video presentation] <i>Dimitris Rousidis, Paraskevas Koukaras and Christos Tjortjis</i>
16:15-16:30	Linked vocabularies for mobility and transport research <i>Susanne Arndt and Mila Runnwerth</i>
16:30-16:45	Predicting the Basic Level in a Hierarchy of Concepts <i>Laura Hollink, Aysenur Bilgin and Jacco van Ossenbruggen</i>
16:45-17:15	Break

	<p align="center">General Session and Track on Digital Libraries, Information Retrieval, Big, Linked, Social and Open Data</p> <p align="center">Chaired by Jane Greenberg</p>
17:15-17:30	<p>Knowledge-based Named Entity Recognition of Archaeological Concepts in Dutch Andreas Vlachidis, Douglas Tudhope and Milco Wansleebe</p>
17:30-17:45	<p>HIVE-4-MAT: Advancing the Ontology Infrastructure for Materials Science Jane Greenberg, Xintong Zhao, Joe Adair, Joan Boone and Xiaohua Tony Hu</p>
17:45-18:00	<p>Class and instance equivalences in the Web of Linked Data: distribution and graph structure Salvador Sanchez-Alonso, Miguel-Angel Sicilia, Enayat Rajabi, Marçal Mora-Cantallops and Elena Garcia-Barriocanal</p>
18:00-18:15	<p>EPIC: A Proposed Model for Approaching Metadata Evaluation Hannah Tarver and Mark Phillips</p>
18:15-18:30	<p>FAIRising pedagogical documentation for the research lifecycle Deborah Garwood and Alex Poole</p>
18:30-18:45	<p>Biodiversity Image Quality Metadata Augments Convolutional Neural Network Classification of Fish Species Jeremy Leipzig, Yasin Bakis, Xiaojun Wang, Mohannad Elhamod, Kelly Diamond, Murat Maga, Wasila Dahdul, Anuj Karpatne, Paula Mabee, Henry L. Bart Jr. and Jane Greenberg</p>
18:45-19:00	<p align="center">Break</p>
19:00-20:00	<p align="center">Keynote Speaker:</p> <p align="center">Ricardo Baeza-Yates Professor, Khoury College of Computer Sciences, Northeastern University at Silicon Valley, USA</p> <p align="center">Keynote title:</p> <p align="center">“Bias on the Web: A Content Accessibility Point of View”</p> <p align="center">Chaired by Emmanouel Garoufallou and Andreas Vlachidis</p>

Friday, 4th December 2020

10:00-10:15	<p style="text-align: center;">Day Conference Welcome by</p> <p style="text-align: center;">Lina Bountouri and Michalis Sfakakis</p>
	<p style="text-align: center;">Track on Cultural Collections and Applications, European and National Projects, and Digital Libraries Track</p> <p style="text-align: center;">Chaired by Michalis Sfakakis and Lina Bountouri</p>
10:15-10:30	<p>Representing Archeological Excavations using the CIDOC CRM based Conceptual Models</p> <p style="text-align: center;"><i>Manolis Gergatsoulis, Georgios Papaioannou, Eleftherios Kalogeros and Robert Carter</i></p>
10:30-10:45	<p>Generating and exploiting semantically enriched, integrated, linked and open museum data [video presentation]</p> <p style="text-align: center;">Sotirios Angelis and Konstantinos Kotis</p>
10:45-11:00	<p>Metadata aggregation via linked data: results of the Europeana Common Culture project</p> <p style="text-align: center;">Nuno Freire, Enno Meijers, Sjors de Valk, Julien A. Raemy and Antoine Isaac</p>
11:00-11:15	<p>Semantic Web oriented approaches for smaller communities in publishing findable datasets [video presentation]</p> <p style="text-align: center;">Nishad Thalath, Mitsuharu Nagamori, Tetsuo Sakaguchi, Deepa Kasaragod and Shigeo Sugimoto</p>
	<p style="text-align: center;">Special Track on Metadata and Semantics for Agriculture, Food and Environment (AgroSEM'20)</p> <p style="text-align: center;">Chaired by Armando Stellato and Fabio Sartori</p>
11:15-11:30	<p>On the Evolution of Semantic Warehouses: The Case of Global Record of Stocks and Fisheries</p> <p style="text-align: center;">Yannis Marketakis, Yannis Tzitzikas, Aureliano Gentile, Bracken van Niekerk and Marc Taconet</p>
11:30-11:45	<p>Semantic Description of Plant Phenological Development Stages, starting with Grapevine</p> <p style="text-align: center;">Catherine Roussey, Xavier Delpuech, Florence Amardheil, Stephan Bernard and Clement Jonquet</p>
11:45-12:00	<p>Ontology-Based Decision Support System for the Nitrogen Fertilization of Winter Wheat [video presentation]</p> <p style="text-align: center;">Ingmar Kessler, Alexander Perzylo and Markus Rickert</p>

12:00-12:15	A software application with ontology-based reasoning for agroforestry Raphaël Conde Salazar , Isabelle Mougenot, Alexia Stokes, Fabien Liagre and Jérôme Perez
12:15-12:30	EuroCRIS: The International Organisation for Research Information (https://www.eurocris.org/) Pablo de Castro , euroCRIS Secretariat
12:30-12:45	Break
	Track on Knowledge IT Artifacts (KITA) in professional communities, and aggregations, Open Repositories, Research Information Systems and Data Infrastructures, and DOAble (Digital Open Access Libraries) Chaired by Fabio Sartori
12:45-13:00	Institutional support for Data Management Plans: five case studies Yulia Karimova , Cristina Ribeiro and Gabriel David
13:00-13:15	Information integration, visualization and querying based on semantic technologies. Case study Ana Maria Feroso García , Maria Isabel Manzano García, Juan Blanco Castro and Daniel Porras Reyes
13:15-13:30	The Role of Data Storage in the Design of Wearable Expert Systems Fabio Sartori , Marco Savi and Riccardo Melen
13:30-13:45	Towards an innovative model in Wearable Expert System for Skiing [video presentation] Elson Kurian, Sherwin Varghese and Stefano Fiorini
	Track on Digital Humanities and Digital Curation (DHC) Chaired by Ernesto William De Luca and Francesca Fallucchi
13:45-14:00	Building Linked Open Data Entities for Historical Research Go Sugimoto
14:00-14:15	Wikidata centric vocabularies and URIs for linking data in Semantic Web driven digital curation [video presentation] Nishad Thalath , Mitsuharu Nagamori, Tetsuo Sakaguchi and Shigeo Sugimoto
14:15-14:30	A Linked Data Model for Data Scopes Victor de Boer , Ivette Bonestroo, Rik Hoekstra and Marijn Koolen

14:30-14:40	<p>Best Paper and Best Student Paper Awards Ceremony Sponsored by</p> <p>EuroCRIS: The International Organisation for Research Information</p>
14:40-14:50	<p>Final remarks – Closing ceremony Announcement of the next 15th MTSR 2021 Conference</p> <p>Chaired by</p> <p>Emmanouel Garoufallou, María-Antonia Ovalle-Perandones International Hellenic University Complutense University of Madrid</p>

Join our session on FAIR Data Principles MTSR Virtual Event December 2, 17:30-17:45 EET

Research Intelligence

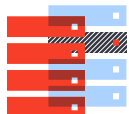
Mendeley Data

Introducing a modular, cloud-based platform to manage the entire lifecycle of research data.

Mendeley Data has been specifically designed to help utilize data to its fullest potential. Consisting of four modules, this open cloud-based platform helps institutions manage the entire lifecycle of research data and enables researchers to safely access and share information wherever they are.

The Mendeley Data advantage

Your institution deals in data, and most likely, your researchers are publishing their research data in multiple repositories. Mendeley Data provides institutions with an end-to-end research data management (RDM) solution to store and protect data, with full visibility of where it is.



Mendeley Data Manager

A collaborative team workspace where researchers can share project data, integrate external data sources securely and prepare datasets for publication.



Mendeley Data Search

A comprehensive data search engine including 20+ million datasets indexed from 1000s of data repositories.



Mendeley Data Repository

A repository specialized for research data, to store and share datasets following the FAIR data principles.

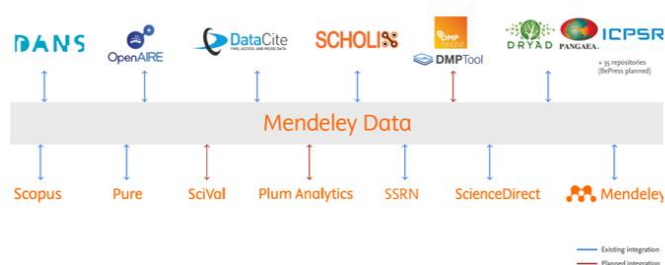


Mendeley Data Monitor

A tool to track datasets published by researchers both within and outside the institution, to facilitate compliance with funders' mandates and enable reporting and showcasing.

Institutions can

- Provide transparency into the research lifecycle
- Help researchers save time, increase collaboration and manage resources effectively
- Increase the exposure of research and showcase research outputs
- Keep track of where data is stored and shared both within and outside an institution



Research Intelligence

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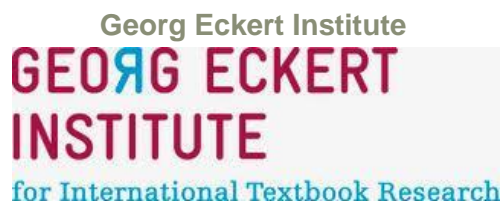


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Tracks:

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

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Virtual Conference

- Agriculture, Food & Environment (Agro SEM'20)
- Cultural Collections & Applications
- Digital Libraries, Information Retrieval, Big, Linked, Social & Open Data
- European and National Projects
- Open Repositories, Research Information Systems and Data Infrastructures
- Digital Humanities and Digital Curation
- Knowledge IT Artifacts (KITA) in professional communities and aggregations
- Decentralized Applications, Blockchains and P2P systems

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