MTSR 2023 CONFERENCE
17th International Conference on Metadata and Semantics Research
October 25th – 27th, 2023
Department of Informatics, Systems and Communication, University of Milano-Bicocca, Milan, Italy
MTSR 2023 Conference is in GMT + 1 (Greenwich Mean Time + 1).

Wednesday, 25th October 2023

8:30 – 9:00	**Arrival** **Registration**
9:00 – 9:20	**Day Conference Welcome by** Emmanouel Garoufallou (International Hellenic University) Fabio Sartori (University of Milano-Bicocca) General Chairs of MTSR Michalis Sfakakis (Ionian University) Marco Savi (University of Milano-Bicocca) Chairs of MTSR 2023
	General Session, Digital Libraries, Information Retrieval, Big, Linked, Social & Open Data Chaired by Fabio Sartori
9:20 – 9:40	VerbAligNet: Unlocking Multilingual Exploration of Verbal Arguments *Francesca Grasso, Vladimiro Lovera Rulfi and Luigi Di Caro*
9:40 – 10:00	Knowledge Graph Question Answering for Materials Science (KGQA4MAT) *Yuan An, Jane Greenberg, Fernando J. Uribe-Romo, Diego Gómez-Gualdrón, Kyle Langlois, Jacob Furst, Alex Kalinowski, Xintong Zhao and Xiaohua Hu. K*
10:00 – 10:20	Metadata for Scientific Experiment Reporting: A Case Study in Metal-Organic Frameworks *Xintong Zhao, Jane Greenberg, Scott McClellan, Yuan An and Xiaohua Hu*
10:20 – 10:40	Closer Reading of RDF Generated by NLP on Wikipedia Biography: Comparative Analysis. *Go Sugimoto, Angel Daza and Victor de Boer*
10:40-10:50	MAWI: Mapping the Unmapped in Wikipedia via Geographic Information Extraction *Laura Ventrice and Luigi Di Caro*

10:50 – 11:20	**Coffee Break**
	General Session, Digital Libraries, Information Retrieval, Big, Linked, Social & Open Data Chaired by Marco Savi
11:20 – 11:40	Graph and Structured data algorithms in electronic health records: a scoping review **Lorik Ramosaj,** *Aurite Bytyçi, Bardh Shala and Eliot Bytyçi*
11:40 – 12:00	Systematic Analysis of COVID-19 Ontologies **Debanjali Bain** *and Biswanath Dutta*
12:00 – 12:20	Personalizing Behaviour Change in mHealth Apps through Virtual Reality: the MoveUp VR Edition Approach **Fabio Sartori** *and Federico Scaramelli*
12:20 – 12:40	Images to describe research data: a case study on the use of imagery metadata **Joana Rodrigues** *and Carla Lopes*
12:40 – 13:00	Towards standardizing the library circulation metadata **Biswanath Dutta** *and Bhuvaneshwari V*
13:00 – 13:30	**An Invited PhD student talk - Introduced by Prof. Leonardo Mariani** The Rights for Future Generation: an initiative about Generative AI **Francesco Stranieri**
13:30 – 14:45	**--- Lunch ---**
15:00 – 16:00	**Visit at Pirelli Headquarters**
	General Session, Agriculture, Food & Environment Chaired by Jane Greenberg
16:00 - 16:20	Lifting Spreadsheets Made Easy: Combining Power and Magic in Sheet2RDF *Armando Stellato,* **Manuel Fiorelli,** *Tiziano Lorenzetti and Andrea Turbati*
16:20 – 16:30	Towards radiology report metadata to support Southern African radiologists **Zola Mahlaza**, *Ernest Obbie Zulu and Lighton Phiri*
16:30 – 16:40	How to semantically identify water-stressed date palms? *Mahdi Djama Rayaleh, Abdourahman Daher Meraneh, Eric Delaitre and* **Isabelle Mougenot**
16:40 - 16:50	Ontologies for Models and Algorithms in Applied Mathematics and Related Disciplines **Björn Schembera**, *Frank Wübbeling, Hendrik Kleikamp, Christine Biedinger, Jochen Fiedler, Marco Reidelbach, Aurela Shehu, Burkhard Schmidt, Thomas Koprucki, Dorothea Iglezakis and Dominik Göddeke*
16:50 – 17:00	Contemporary Semantic Search Techniques in Libraries: Re-search Gaps and Future Directions for Improving User Experience *Alexandros Z. Spyropoulos,* **Anthoula Baliou, Charalampos Bratsas,** *Vassilis Tsiantos and Emmanouel Garoufallou*

Thursday, 26th October 2023

8:30 – 9:00	**Arrival** **Registration**
	Digital Humanities and Digital Curation Chaired by Daniele Bailo
9:00 – 9:20	Ontological modeling of lists for Modern Greek derivation *Nikos Vasilogamvrakis and* ***Michalis Sfakakis***
9:20 – 9:40	Using CIDOC-CRM to model Chinese Hexi Regional Poetry ***Xiaoyan Yang*** *and Antonis Bikakis*
9:40 – 10:00	Automatic description of research images: utopia or reality? ***Joana Rodrigues*** *and Carla Lopes*
10:00 – 10:15	Travelling culture – the enjoyment of cultural heritage through a conceptualization of thematic path: a preliminary characterization ***Tiziana Pasciuto***, *Riccardo Albertoni and Roberta Maggi*
10:15-10:30	Historical discography management platform and crowdsource practices ***George Kokkonis***, *Nikos Ordoulidis and Nikos Dionysopoulos*
10:30 – 11:00	**Coffee Break**
	Cultural Collections & Applications Chaired by Michalis Sfakakis
11:00 – 11:20	Automated topic exploration in a cultural heritage corpus *Kyriaki Zoutsou,* ***Michalis Sfakakis***, *Leonidas Papachristopoulos and Christos Papatheodorou*
11:20 – 11:40	Ontology-Based Modeling of User-Environment Interaction in a Virtual Reality Exhibition ***Delaram Javdani Rikhtehgar***, *Shenghui Wang, Stefan Schlobach and Dirk Heylen*
11:40 – 12:00	Greek Culture on the Map: Place-based Enrichment Scheme at the Greek National Cultural Data Aggregator *Agathi Papanoti, Elena Lagoudi,* ***Georgia Angelaki***, *Haris Georgiadis and Evi Sachini*
12:00 – 12:30	**[POSTER SESSION]** Federated Query Optimization Method based on SPARQL Endpoint Features for Efficient Retrieval ***Soichiro Watanabe*** *and Mitsuharu Nagamori* On Identifying Points of Semantic Shift Across Domains ***Hyung Wook Choi*** *and Mat Kelly*
12:30 – 14:00	--- Lunch ---

14:00 – 16.00	**Round Table:** **The Role of AI in Modern Semantic Research** **Keynote Speakers:** **Dr. Sebastian Troia, PhD, Politecnico di Milano, Italy** **Keynote title:** **"Machine-Learning defined Networking"** **Prof. Fabio Stella, PhD, University of Milano-Bicocca, Italy** **Keynote title:** **"The many faces of the Artificial Intelligence revolution"** Chaired by Riccardo Melen and Marco Savi
	Gala Dinner
20:00-22:00	**Sottosopra Restaurant** Viale Piero e Alberto Pirelli, 16 20126 Milano https://ristorantesottosopra.it/

Friday, 27th October 2023

9:20 – 10:00	Arrival Registration
	Open Repositories, Research Information Systems & Data Infrastructures Chaired by Emmanouel Garoufallou
10:00 – 10:20	The ENVRI Catalogue of Services: a road-test for Environmental Research Infrastructure Metadata Harmonisation and Interoperability **Daniele Bailo**, *Rossana Paciello, Katrina Exter, Valerio Vinciarelli, Keith Jeffery, Angeliki Adamaki,* **Kety Giuliacci**, *Ulrich Bundke and Chris Schleiermacher*
10:20 – 10:40	Context-Sensitive Editing for the MEDFORD Metadata Language **Liam Strand**, *Andrew Powers, Polina Shpilker, Lenore Cowen, Alva Couch and Noah Daniels*
10:40 – 11:00	FAIR Implementation Profiles for Social Science **Shuai Wang**, *Angelica Maineri, Navroop K. Singh and Tobias Kuhn*
11:00 – 11:10	DQD: The Data Quality Definition Ontology **Johannes Schrott**, *Rainer Meindl, Christian Lettner and Lisa Ehrlinger*
11:10 – 11:30	**Best Paper and Best Student Paper Awards Ceremony** **Sponsored by** EuroCRIS: The International Organisation for Research Information
11:30 – 12:00	**Final remarks – Closing ceremony** **Announcement of the next 18th MTSR 2023 Conference** Chaired by Fabio Sartori (University of Milano-Bicocca), Emmanouel Garoufallou (International Hellenic University)
12:00 – 13:00	**Lunch Break** **&** **Farewell**