

Friday - Oct 25

Track 1 [Bayside 202-203]

## Ontology Mapping

Chair: Jérôme Euzenat

11:00  
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12:40

1. **Indented Tree or Graph? A Usability Study of Ontology Visualization Techniques in the Context of Class Mapping Evaluation**, *Bo Fu, Natalya F. Noy and Margaret-Anne Storey* [Research Track Paper]
2. **String Similarity Metrics for Ontology Alignment**, *Michelle Cheatham and Pascal Hitzler* [Evaluation Track Paper]
3. **Evaluation measures for ontology matchers in supervised matching scenarios**, *Dominique Ritze, Heiko Paulheim and Kai Eckert* [Evaluation Track Paper]
4. **QODI: Query as Context in Automatic Data Integration**, *Aibo Tian, Juan F. Sequeda and Daniel Miranker* [Research Track Paper]
5. **What's in a 'nym'? Synonyms in Biomedical Ontology Matching**, *Catia Pesquita, Cosmin Stroe, Daniel Faria, Emanuel Santos, Isabel Cruz and Francisco Couto* [Research Track Paper]

## Linked Data 1

Chair: Mathieu D'Aquin

14:20  
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15:00

1. **Secure Manipulation of Linked Data**, *Sabrina Kirrane, Ahmed Abdelrahman, Alessandra Mileo and Stefan Decker* [Research Track Paper]
2. **Incorporating Commercial and Private Data into an Open Linked Data Platform for Drug Discovery**, *Carole Goble, Alasdair J. G. Gray, Lee Harland, Karen Karapetyan, Antonis Loizou, Ivan Mikhailov, Yrjana Rankka, Stefan Senger, Valery Tkachenko, Antony Williams and Egon Willighagen* [In Use Track Paper]

## Linked Data 2

Chair: Fabien Gandon

15:15  
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16:15

1. **Semantic Message Passing for Generating Linked Data from Tables**, *Varish Mulwad, Tim Finin and Anupam Joshi* [Research Track Paper]
2. **A Linked-Data-driven and Semantically-enabled Journal Portal for Scientometrics**, *Yingjie Hu, Krzysztof Janowicz, Grant Mckenzie, Kunal Sengupta and Pascal Hitzler* [In Use Track Paper]
3. **TRank: Ranking Entity Types Using the Web of Data**, *Alberto Tonon, Michele Catasta, Gianluca Demartini, Philippe Cudré-Mauroux and Karl Aberer* [Research Track Paper]

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Track 2 [Bayside 204A]

### Query

Chair: Andriy Nikolov

11:00  
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12:40

1. **Complete Query Answering Over Horn Ontologies Using a Triple Store**, *Yujiao Zhou, Yavor Nenov, Bernardo Cuenca Grau and Ian Horrocks* [Research Track Paper]
2. **DAW: Duplicate-Aware Federated Query Processing over the Web of Data**, *Muhammad Saleem, Axel-Cyrille Ngonga Ngomo, Josiane Xavier Parreira, Helena Deus and Manfred Hauswirth* [Research Track Paper]
3. **Towards a systematic benchmarking of ontology-based query rewriting systems**, *Jose Mora and Oscar Corcho* [Evaluation Track Paper]
4. **Personalized Best Answer Computation in Graph Databases**, *Michael Ovelgönne, Noseong Park, V.S. Subrahmanian, Elizabeth K. Bowman and Kirk A. Ogaard* [Research Track Paper]
5. **Controlled Query Evaluation over OWL 2 RL Ontologies**, *Bernardo Cuenca Grau, Evgeny Kharlamov, Egor V. Kostylev and Dmitriy Zheleznyakov* [Research Track Paper]

### Licensing and Confidentiality Models

Chair: Axel Polleres

14:20  
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15:00

1. **One License to Compose Them All: a deontic logic approach to data licensing on the Web of Data**, *Guido Governatori, Antonino Rotolo, Serena Villata and Fabien Gandon* [Research Track Paper]
2. **A Confidentiality Model for Ontologies**, *Piero Bonatti and Luigi Sauro* [Research Track Paper]

### Knowledge Extraction

Chair: Axel-Cyrille Ngonga Ngomo

15:15  
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16:15

1. **Knowledge Graph Identification**, *Jay Pujara, Hui Miao, Lise Getoor and William Cohen* [Research Track Paper]
2. **Type Inference on Noisy RDF Data**, *Heiko Paulheim and Christian Bizer* [Research Track Paper]
3. **Statistical Knowledge Patterns: Identifying Synonymous Relations in Large Linked Datasets**, *Ziqi Zhang, Anna Lisa Gentile, Eva Blomqvist, Isabelle Augenstein and Fabio Ciravegna* [Research Track Paper]

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Track 3 [Bayside 204B]

### Knowledge Discovery

Chair: Marko Grobelnik

11:00  
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12:40

1. **TRM – Learning Dependencies between Text and Structure with Topical Relational Models**, *Veli Bicer, Thanh Tran and Yongtao Ma* [Research Track Paper]
2. **Pattern Based Knowledge Base Enrichment**, *Lorenz Bühmann and Jens Lehmann* [Research Track Paper]
3. **Discovering Missing Semantic Relations between Entities in Wikipedia**, *Mengling Xu, Zhichun Wang, Rongfang Bie, Juanzi Li, Chen Zheng, Wantian Ke and Mingquan Zhou* [Research Track Paper]
4. **Using the past to explain the present: interlinking current affairs with archives via the Semantic Web**, *Yves Raimond, Michael Smethurst, Andrew McParland and Christopher Lowis* [In Use Track Paper]
5. **A Graph-Based Approach to Learn Semantic Descriptions of Data Sources**, *Mohsen Taheriyani, Craig Knoblock, Pedro Szekely and José Luis Ambite* [Research Track Paper]

### Crowd-sourced semantics

Chair Lora Aroyo

14:20  
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15:00

1. **Reasoning on crowd-sourced semantic annotations to facilitate cataloguing of 3D artefacts in the cultural heritage domain**, *Chih-Hao Yu, Tudor Groza and Jane Hunter* [In Use Track Paper]
2. **Crowdsourcing Linked Data Quality Assessment**, *Maribel Acosta, Amrapali Zaveri, Elena Simperl, Dimitris Kontokostas, Sören Auer and Jens Lehmann* [Evaluation Track Paper]

### Data Access

Chair: Oscar Corcho

15:15  
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16:15

1. **ProSWIP: Property-based Data Access for Semantic Web Interactive Programming**, *Silviu Homoceanu, Philipp Wille and Wolf-Tilo Balke* [Research Track Paper]
2. **Ontology-Based Data Access: Ontop of Databases**, *Mariano Rodriguez-Muro, Roman Kontchakov and Michael Zakharyashev* [Research Track Paper]
3. **The Combined Approach to OBDA: Taming Role Hierarchies using Filters**, *Carsten Lutz, Inanc Seylan, David Toman and Frank Wolter* [Research Track Paper]