

Wednesday - Oct 23

Track 1 [Parkside 110B]

Semantic Web Landscape

Chair: Elena Simperl

11:00
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12:40

1. **On the Status of Experimental Research on the Semantic Web**, *Heiner Stuckenschmidt, Michael Schuhmacher, Johannes Knopp, Christian Meilicke and Ansgar Scherp* [Research Track Paper]
2. **A snapshot of the OWL Web**, *Nicolas Matentzoglou, Samantha Bail and Bijan Parsia* [Research Track Paper]
3. **Deployment of RDFa, Microdata, and Microformats on the Web – A Quantitative Analysis**, *Christian Bizer, Kai Eckert, Robert Meusel, Hannes Mühleisen, Michael Schuhmacher and Johanna Völker* [In Use Track Paper]
4. **When History Matters - Assessing Reliability for the Reuse of Scientific Workflows**, *José Manuel Gómez-Pérez, Esteban García-Cuesta, Aleix Garrido and José Enrique Ruiz* [In Use Track Paper]
5. **Simplified OWL Ontology Editing for the Web: Is WebProtégé Enough?**, *Matthew Horridge, Tania Tudorache, Jennifer Vendetti, Csongor Nyulas, Mark Musen and Natasha F. Noy* [Research Track Paper]

Geo-Spatial Semantics

Chair: Krzysztof Janowicz

14:20
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15:00

1. **ORCHID – Reduction-Ratio-Optimal Computation of Geo-Spatial Distances for Link Discovery**, *Axel-Cyrille Ngonga Ngomo* [Research Track Paper]
2. **Geographica: A Benchmark for Geospatial RDF Stores**, *George Garbis, Kostis Kyzirakos and Manolis Koubarakis* [Evaluation Track Paper]

Natural Language Processing

Chair: Raphaël Troncy

15:15
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16:15

1. **Bringing Math to LOD: A Semantic Publishing Platform Prototype for Scientific Collections in Mathematics**, *Olga Nevzorova, Nikita Zhiltsov, Danila Zaikin, Olga Zhibrik, Alexander Kirillovich, Vladimir Nevzorov and Evgeniy Birialtsev* [Research Track Paper]
2. **Semantic Rule Filtering for Web-Scale Relation Extraction**, *Andrea Moro, Hong Li, Sebastian Krause, Feiyu Xu, Roberto Navigli and Hans Uszkoreit* [Research Track Paper]
3. **Integrating NLP using Linked Data**, *Sebastian Hellmann, Jens Lehmann, Sören Auer and Martin Brümmer* [In Use Track Paper]

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Track 2 [Parkside Ballroom B]

Reasoning

Chair: Pascal Hitzler

11:00
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12:40

1. **Incremental Reasoning in OWL EL without Bookkeeping**, *Yevgeny Kazakov and Pavel Klinov* [Research Track Paper]
2. **Completeness Statements about RDF Data Sources and Their Use for Query Answering**, *Fariz Darari, Werner Nutt, Giuseppe Pirrò and Simon Razniewski* [Research Track Paper]
3. **DynamiTE: Parallel Materialization of Dynamic RDF Data**, *Jacopo Urbani, Alessandro Margara, Cerial Jacobs, Frank Van Harmelen and Henri Bal* [Research Track Paper]
4. **A Query Tool for EL with Non-monotonic rules**, *Vadim Ivanov, Matthias Knorr and Joao Leite* [Research Track Paper]
5. **Towards Constructive Evidence of Data Flow-oriented Web Service Composition**, *Freddy Lecue* [Research Track Paper]

Life Science

Chair: Patrice Seyed

14:20
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15:00

1. **Semantic Data and Models Sharing in systems Biology: The Just Enough Results Model and the SEEK Platform**, *Katherine Wolstencroft, Stuart Owen, Olga Krebs, Quyen Ngyuen, Jacky. L. Snoep, Wolfgang Mueller and Carole Goble* [In Use Track Paper]
2. **Using Semantic Web in ICD-11: Three Years Down the Road**, *Tania Tudorache, Csongor I Nyulas, Natasha F. Noy and Mark Musen* [In Use Track Paper]

Search

Chair: Jeff Heflin

15:15
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16:15

1. **Federated Entity Search using On-The-Fly Consolidation**, *Daniel M. Herzig, Roi Blanco, Peter Mika and Thanh Tran* [Research Track Paper]
2. **Getting Lucky in Ontology Search: A Data-Driven Evaluation Framework for Ontology Ranking**, *Natasha F. Noy, Paul Alexander, Rave Harpaz, Trish Whetzel, Raymond Fergerson and Mark Musen* [Research Track Paper]
3. **Entity recommendations in Web Search**, *Roi Blanco, Berkant Barla Cambazoglu, Peter Mika and Nicolas Torzec* [In Use Track Paper]

Wednesday - Oct 23

Track 3 [Parkside 110A]

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| 11:00 – 12:40 | <p>Industry 1</p> <ol style="list-style-type: none">1. Invited Talk – <i>Andrew Woolf, Bureau of Meteorology, Australia</i>2. A Semantic Approach to Data Center Management, <i>Michael Schmidt, Christian Hütter, Timo Weber, Peter Haase and Andriy Nikolov</i> [Industry Track Paper]3. How Semantic Technologies supercharge a platform for context-aware applications, <i>David Damen</i> [Industry Track Paper] |
| 14:20 – 15:00 | <p>Industry 2</p> <ol style="list-style-type: none">1. DISCOVER Links For Lives: Building a Linked Data UX (User eXperience) for Federated Query and Faceted Search Linking HealthCare and Life sciences Data for All Users, <i>Hans Constandt</i> [Industry Track Paper]2. Semantic Business Architecture Modelling in Financial Industry Regulation, <i>Terry Roach</i> [Industry Track Paper] |
| 15:15 – 16:15 | <p>Industry 3</p> <ol style="list-style-type: none">1. Integrating Relational Databases with the Semantic Web: Four Scenarios, <i>Daniel P. Miranker and Juan F. Sequeda</i> [Industry Track Paper]2. OData and the Semantic Web, <i>Michael Pizzo and Evelyne Viegas</i> [Industry Track Paper]3. Speaker Panel |