EKAW 2018 Conference program

Monday 12 Tuesday 13 Wednesday 14 Thursday 15 Friday 16

Registration 8h30 8h30 8h30 8h30 8h30
Coffee break, Hall B 9h 9h 9h 9h 9h
Lunch break 12h30 12h30 12h30 12h30 12h30
Tutorial 2 B13 10h45 10h45 10h45 10h45 10h45
Tutorial 1 B13 11h15 11h15 11h15 11h15 11h15
Exhibition 12h 12h 12h 12h 12h
Coffee break, Hall B 13h 13h 13h 13h 13h
Registration 17h 17h 17h 17h 17h
Welcome reception 18h30 18h30 18h30 18h30 18h30
Conference dinner 21h30 21h30 21h30 21h30 21h30

At the Museum-Aquarium
34 Rue Sainte-Catherine

Keynotes
2 - Andrea Tettamanzi : Guess What You Don’t Know: Towards an Evolutionary Epistemology of Ontology Learning. Chair: Catherine-Faron Zucker
3 - Simone Ponzetto : Entity-centric information access for high-end semantic applications. Chair: Chiara Ghidini
4 - Maria-Francine Moens : The Discovery of Spatial Knowledge from Images and Language. Chair: Yannick Toussain

Sessions

Sessions 1 - Alignments and Graph Partitioning
Chair: Jérôme Euzenat
1.1 - Adrian Antchov, Axel-Cyrille Ngonga Ngomo and Muhammad Saleem : An Empirical Evaluation of RDF Graph Partitioning Technologies
1.2 - Philippe Rousseille, Iman Magdiche, Tessa-Olivier and Cassia Trojahn : Boosting Holistic Ontology Matching: an Extended Linear Approach and its Evaluation on Graph-Clique Based Relatedness Alignments

Sessions 2 - Knowledge Engineering
Chair: Maria Keet
2.1 - Claudia Schon, Stoffen Staab, Patricia Kügler, Philipp Kostel, Benjamin Schleich and Sandra Wartziack : Meta-property-guided Deletion from the Instance-Level of a Knowledge Base
2.2 - Arunk Padia, David Martin and Peter Patil-Schneider : Automating Class / Instance Representational Choices in Knowledge Bases
2.3 - Alba Fernandez-Tapia and Raul Garcia-Castro : Requirements behaviour analysis for ontology testing

Sessions 3 - Network and Knowledge Graphs
Chair: Harold Sakic
3.1 - Andreas Schmidt and Gerd Stumme : Prominence and Dominance in Networks
3.2 - Hazia Jabana, Rajat Dadwal, Gezim Sejdiu and Jens Lehmann : Numeric outlier detection in large scale knowledge graphs
3.3 - Al Koudous Ishisco, Frank Van Harmelen and Peter Van Den Besselaar : Network Metrics for Assessing the Quality of Entity Resolution Between Multiple Datasets
3.4 - Pablo Torres-Tramon and Conor Hayes : A Random Walk Model for Entity Relatedness
3.5 - Gengchen Ma, Krzysztof Janowicz and Bo Yan : Support and Centrality: Learning Weights for Knowledge Graph Embedding Models

Sessions 4 - Knowledge Discovery #1
Chair: Valentina Temma
4.1 - Mariano Rico, Idalén Santana-Pérez, Pedro Pozo-Jiménez and Asunción Gómez-Pérez : Inferring New Types on Large Datasets Applying Ontology Class Hierarchy Classifiers: The Dlbpedia Case
4.2 - Nicole Merkle, Stefan Zander and Viliam Simko : A Semantic Use Case Simulation Framework for Training Machine Learning Algorithms
4.3 - Ahmad Albadie and Oscar Corcho : Fuzzy Semantic Labeling of Semi-structured Numerical Data Sources
4.4* - Emilia Karpiak, Jose M. Gimenez-Garcia, Alessandro Piscopo, Laura Koesten, Luis Ibanez-Gonzalez, Jeni Tennison and Elena Simperl : Making Sense of Numerical Data - Semantic Labeling of Web Tables

Sessions 5 - Knowledge Discovery #2
Chair: Marise van Erp
5.1 - Badre Belahbibi, Musab Bairat, Jeremy Luez and Olivier Curé : Combining Machine Learning and Semantics for Anomaly Detection
5.2 - René Speck and Axel-Cyrille Ngonga Ngomo : On Extracting Relations using Distributional Semantics and a Tree Generalization
5.3 - Mouna Kamel and Cassia Trojahn : Towards Enriching DBpedia from Vertical Enumerative Structures using a Distant Learning Approach

Tutorials
1 - Catching up with ontological engineering: to-git-commit and beyond
2 - Learning from knowledge graphs

Workshop
1 - Symbolic methods for data-interlinking

Session 5.2 - René Speck and Axel-Cyrille Ngonga Ngomo : On Extracting Relations using Distributional Semantics and a Semantics for Anomaly Detection
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Session 6 - Applications
Chair: Maria Poveda
6.1 - Ver Escalona-Camacho, Jesús Bermúdez, Juanan Fernández and Alvar Amza : EROSO: Semantic Technologies towards thermal comfort in workplaces
6.2 - Wisanne Maria Letini, Eduardo Guzmán y María-Victoria Belmonte : Decision Support Models to Assist in the Diagnosis of Meningitis
6.3 - Giuseppe Rizzo, Nicola Fanizzi, Claudia d’Amato and Floriana Esposito : A Framework for Tackling Myopia in Concept Learning on the Web of Data
6.4* - Najneh Mousavi Nejad, Simon Sceri and Jens Lehmann : KnigHT: Mapping Privacy Policies to GDPR
6.5* - Gloria Re Calegari and Irene Cerullo : Interplay of Game Incentives, Player Profiles and Task Difficulty in Games with a Purpose

Session 7 - Knowledge Representation and Reasoning
Chair: TBA
7.1 - Maxime Clément and Ryutaro Ichise : SWRL Reasoning with Decision Tables
7.2 - Nicola Fanizzi, Giuseppe Rizzo, Claudia d’Amato and Floriana Esposito : DL-foil: Class Expression Revisited
7.3 - Veronica Malaise, Arke Otten and Pascal Coupet : OntoScience and Extensions - Lessons Learned from Designing a Multi-Domain, Multi-Use Case Knowledge Representation System
7.4 - Federico Croce and Maurizio Lenzerini : Explaining Query Answers in DL-Lite
7.5 - Diego Calvanese, Tahri Emre Kalayci, Marco Montali, Ario Santoso and Wil van der Aalst : Conceptual Schema Transformation in Ontology-based Data Access

Session 8 - Knowledge Discovery #3
Chair: TBA
8.1 - Marisa van Erp, Jesse de Does, Katren Depuydt, Rob Landers and Thomas van Goethem : Slicing and Dicing a Newspaper Corpus for Historical Ecology Research
8.2 - Beatrice Fuchs and Amelia Corder : Interactive Interpretation of serial episodes
8.3* - Alessia Catafore, Guido Boella and Leendert van der Torre : From Georeferenced Data to Socio-spatial Knowledge. Ontology Design Patterns to discover Domain-specific Knowledge from Crowdsourced Data

Session 9 - Queries and SPARQL
Chair: Mauro Zufferey
9.1 - Patrick Schneider, Thomas Eiter, Josiane Xavier Parreira, Lihua Zhao and Ryutaro Ichise : Deploying Spatial-Distance and Temporal Query Processing over RDF Streams
9.2 - Weicong Ma, C. Maria Keet, Wayne Ottendorf, David Toman and Grant Weddell : The Utility of the Abstract Relational Model and Attribute Paths in SQL
9.3 - Riccardo Tommasini, Piero Bonito, Emanuela Delia Valle, Filip De Turck and Femke Onghena : A Query Model for Ontology-Based Event Processing over RDF Streams
9.4 - Peter Patil-Schneider, Axel Polloreis and David Martín : Comparative Preferences in SPARQL
9.5 - Paul Warren and Paul Mutholland : Using SPARQL - the practitioners’ viewpoint

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