



The 9th Extended Semantic Web Conference
May 27th-31st, 2012 Heraklion, Crete, Greece

Welcome to the 9th ESWC

 twitter: #eswc2012

Program organized along tracks

- Research (including special tracks)
 - Ontologies
 - Reasoning
 - Semantic Data Management
 - Social Web and Web Science
 - Linked Data
 - Processes, Services and Cloud Computing
 - Natural Language Processing
 - Sensor and Mobile Web
 - Machine Learning
 - Digital Libraries & Cultural Heritage
 - eGovernment
- In-use track (oriented towards applications and industry adoption)

Submission statistics

- Research & special tracks
 - 176 submissions, 42 accepted (acceptance rate: 23.8%)
 - Most popular tracks: Semantic Data Management, Linked Data, Ontologies
- In-use/Industrial track
 - 36 submissions, 11 accepted (acceptance rate: 30%)
- Overall acceptance rate: **25%**



Looking forward to
an exciting scientific program

Particularly, nominees for awards

Best research paper

Best in-use paper

ESWC 7-years “most influential paper”
award

Best research paper nominees

(ordered by submission number, i.e., no order implied)

Milan Stankovic, Matthew Rowe and Philippe Laublet. Finding Co-solvers on Twitter, with a Little Help from Linked Data - (Linked Data Track)

Andriy Nikolov, Mathieu D'Aquin and Enrico Motta. Unsupervised Learning of Data Linking Configuration - (Machine Learning Track)

Uta Lössch, Stephan Bloehdorn and Achim Rettinger. Graph Kernels for RDF Data - (Machine Learning Track)

Dimitris Karampinas and Peter Triantafillou. Crowdsourcing Taxonomies - (Social Web Track)

Christophe Guéret, Paul Groth, Claus Stadler and Jens Lehmann. Assessing Linked Data Mappings using Network Measures - (Linked Data Track)

Best in-use paper nominees

(ordered by submission number, i.e., no ranking implied)

Heiko Paulheim Generating Possible Interpretations for Statistics from Linked Open Data

Edouard Chevalier and François-Paul Servant. Product customization as Linked Data

Christian Stab, Kawa Nazemi, Matthias Breyer and Dirk Burkhardt. Semantics Visualization for Fostering Search Result Comprehension

ESWC 7-years “most influential papers”

(top-3 most outstanding publications, based on citations, from ESWC 2005)

David Vallet and Miriam Fernández and Pablo Castells .An Ontology-Based Information Retrieval

Peter Haase and Nenad Stojanovic. Consistent Evolution of OWL Ontologies

John Breslin, Andreas Harth, Uldis Bojars and Stefan Decker. Towards Semantically-Interlinked Online Communities



Other highlights of the program



Keynote talks

Presentation and voting of ESWC2012 candidates

*Poster and demo session (including EU projects
networking track)*

Panel on Big Data@Semantic Technologies

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