

Call for Papers

I-SEMANTICS 2013:

9th International Conference on Semantic Systems

Graz, Austria, 4 - 6 September 2013

<http://www.i-semantic.at>

including
Announcement of 6th Linked Data Cup

Latest News:

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We are happy to announce as this year's Key Note Speakers
Ed Chi, Google, USA
Aldo Gangemi, Institute of Cognitive Sciences and Technologies, Italy
Tiit Paananen, Skype, USA
Yves Raimond, BBC, UK

I-SEMANTICS proceedings published by ACM ICPS

Important Dates (Research & Application Papers)

- **Extended Abstract Submission Deadline:** April 8, 2013
- **Extended Submission Deadline:** April 15, 2013
- **Notification of Acceptance:** May 20, 2013
- **Camera-Ready Paper:** June 24, 2013

Important Dates (Posters & Demo Papers Track)

- **Extended Submission Deadline:** June 5, 2013
- **Notification of Acceptance:** July 8, 2013
- **Camera Ready Paper:** August 12, 2013

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Hashtag for I-SEMANTICS 2013: #isem2013

Scope

I-SEMANTICS 2013 (www.i-semantic.at) is the 9th International Conference on Semantic Systems.

The conference brings together both researchers and practitioners in the areas of Semantic Technologies, Linked Data and the Semantic Web in order to showcase cutting edge research, demonstrators and applications for the Corporate and Social Semantic Web.

I-SEMANTICS 2013 will also hold the "I-CHALLENGE", which brings to you the 6th Linked Data Cup (formerly Triplication Challenge), the Best Paper Award and the Best Poster Award.

In order to foster synergies among the research fields of knowledge discovery, social computing, and semantic technologies I-SEMANTICS Conference will be held together with the I-KNOW Conference, the 13th International Conference on Knowledge Technologies (www.i-know.at).

Topics

As a conference aiming to bring together science and industry, I-SEMANTICS encourages scientific research and application-oriented contributions in the field of Semantic Technologies, Semantic Web and Linked Data. The topics of interest for this year's conference include but are not limited to:

The Web of Data

- Large scale triplication and processing of data
- Vocabularies, taxonomies and schemas for the web of data
- Querying, searching and browsing over the web of data
- Data integration and interlinking for the web of data
- Location-based services and mobile semantic applications
- User interaction and innovative visualizations for the web of data
- Reasoning over the web of data
- (Mashup) applications utilizing (large scale) linked data resources
- Recommender systems making use of the web of data
- Integrating microposts into the web of data
- Linked enterprise data and (open) linked government data
- Linked sensor data and machine-to-machine communication

Quality of Semantic Data on the Web

- Provenance information for the web of data
- Large scale ontology inspection, maintenance and repair
- Co-reference detection and dataset reconciliation
- Quality analysis and metrics for the web of data
- Trust, privacy and security in semantic web applications

Corporate Semantic Web

- Corporate thesauri, business vocabularies, ontologies and rules
- Semantic business, e-commerce and m-commerce systems
- Semantic procurement for enterprises and governments
- Semantics, pragmatics and semiotics in organizations
- Enterprise trust and reputation management
- Organisational issues in the deployment and application of semantic technologies

Social Semantic Web

- Enriching social web data and information with semantics and linked data
- Semantically-enabled social platforms and applications
- Users as virtual and physical sensors and devices for a ubiquitous social semantic web
- Semantic based personalization, as e.g. for recommendations, social navigation, collaborative search, social filtering, etc
- Reality augmented by the social semantic web
- Querying, mining and analysis of social semantic web data and dynamics
- Representing and reasoning with uncertainty, provenance, trust in social web data
- Ethical issues related to the use of user generated content & linked data

Semantic Content Engineering

- Collaborative ontology engineering
- Ontology modularity, alignment and merging
- Ontology design patterns and life cycle management
- Ontology learning and knowledge acquisition
- Semantic annotation and tagging
- Making sense of microposts
- Semantic content management systems

Semantic Multimedia

- Semantic-driven multimedia applications
- Multimedia ontologies and infrastructures
- Content-based semantic multimedia analysis and data mining
- Semantic-driven multimedia indexing and retrieval
- Named entity recognition and disambiguation in multimedia documents
- Human-computer interfaces and visualization for multimedia data access

Studies, Metrics & Benchmarks

- Case studies of and benchmarks in semantic systems usage
- Evaluation perspectives, methods and semantic web research methodologies
- Technology assessment and acceptance/reactance research
- Usability and user interaction with semantic technologies
- Case studies with clear lessons learned or evaluations

Data Ecosystems & Markets

- Economic foundations of data assets, markets and data crowd sourcing

- Business and governance models for data commerce
- Production principles and measures of data creation, curation and utilization
- Business models and economic impacts of Linked (Enterprise) Data and/or large scale semantic systems
- Case studies for sector-specific data strategies

I-SEMANTICS Submission Information

All accepted full papers and short papers of I-SEMANTICS 2013 will be published in the digital library of the ACM ICP Series under the ISBN-No.: 978-1-4503-1972-0.

Please note: Poster and Demo papers are planned to be published at CEUR-WS again.

Research/Application Papers

Research papers report on novel research and/or applications relevant to the topics of the conference. Submissions must be original and must not have been submitted for publication elsewhere. The number of pages of research papers is limited to 8 pages for full papers and 4 pages for short papers including references and an optional appendix.

Full and short papers should follow the ACM ICPS guidelines for formatting (<http://www.acm.org/sigs/publications/proceedings-templates>) and must be submitted via the online submission system available at the conference website as PDF documents (other formats will not be accepted). For the camera-ready version, we will also need the source files (Latex, Word Perfect, Word).

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Posters & Demos Track

The Posters & Demonstrations Track offer an opportunity to present late-breaking research results, smaller contributions, and innovative work in progress.

The informal setting of the **Posters & Demonstrations Track** encourages presenters and participants to engage in discussions about the presented work. Such discussions can be invaluable inputs for the future work of the presenters, while offering conference participants an effective way to broaden their knowledge of the emerging research trends and to network with other researchers. Poster and demo submissions should consist of a paper of 3-4 pages that describes the work and its contribution to the field. Submissions to this track must be in the

Springer LNCS format (<http://www.springer.com/computer/lncs/lncs+authors>), i.e. please do NOT use the ACM template here.

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I-CHALLENGE

For the second time in 2013 we will bring to you the I-CHALLENGE, consisting of the **Best Research/Application Paper Award**, the **Best Poster Award** and the **Linked Data Cup**. While the best paper will be selected by the program committee, the Best Poster will be voted by the conference audience via online voting.

Please find detailed information at <http://i-semantics.tugraz.at/i-challenge>

I-SEMANTICS Committee

Scientific Chair

- Harald Sack (Hasso-Plattner-Institute for IT Systems Engineering, Germany)

Program Chairs

- Eva Blomqvist (Linköping University, Seden)
- Tommaso Di Noia (Technical University of Bari, Italy)
- Marta Sabou (MODUL University Vienna, Austria)

Track Chairs

- I-CHALLENGE:
 - Jörg Waitelonis (Hasso-Plattner-Institute for IT Systems Engineering)
 - Thomas Thurner (Semantic Web Company, Austria)
- Posters & Demos Chair: Steffen Lohmann (University of Stuttgart, Germany)

Industry Chair

- Andreas Blumauer (Semantic Web Company, Austria)

Conference Chair

- Tassilo Pellegrini (University of Applied Sciences St. Pölten, Austria)

Program Committee

Please go to: <http://i-semantics.tugraz.at/scientific-track/program-committee/>