

# Call for Research & Innovation Papers

## SEMANTiCS 2017 - The Linked Data Conference

13th International Conference on Semantic Systems  
Amsterdam, Netherlands  
September 11 -14, 2017  
<http://2017.semantics.cc>

Important Dates (Research & Innovation)

- **Abstract Submission Deadline:** May 17, 2017 (11:59 pm, Hawaii time)
- **Paper Submission Deadline:** May 24, 2017 (11:59 pm, Hawaii time)
- **Notification of Acceptance:** July 3, 2017 (11:59 pm, Hawaii time)
- **Camera-Ready Paper:** August 14, 2017 (11:59 pm, Hawaii time)

Submission via EasyChair on <https://easychair.org/conferences/?conf=semantics2017>

As in the previous years, SEMANTiCS'17 proceedings will be published by ACM ICP (pending).

**The annual SEMANTiCS conference** is the meeting place for professionals who make semantic computing work, who understand its benefits and encounter its limitations. Every year, SEMANTiCS attracts information managers, IT-architects, software engineers and researchers from organisations ranging from SMEs, through non-profit organizations, public administrations to the largest companies in the world. Attendees learn from industry experts and top researchers about emerging trends and topics in the fields of semantic software, enterprise data, linked data & open data strategies, methodologies in knowledge modelling and text & data analytics. The SEMANTiCS community is highly diverse; attendees have responsibilities in interlinking areas such as knowledge management, technical documentation, e-commerce, big data analysis, enterprise search, document management, business intelligence and enterprise vocabulary management.

The success of last year's conference in Leipzig with more than 302 attendees from 30 countries proves that SEMANTiCS 2017 will continue a long tradition of bringing together colleagues from around the world. There will be presentations on industry implementations, use case prototypes, best practices, panels, papers and posters to discuss semantic systems in birds-of-a-feather sessions as well as informal settings. SEMANTiCS addresses problems common among information managers, software engineers, IT-architects and various specialist departments working to develop, implement and evaluate semantic software systems.

The SEMANTiCS program is a rich mix of technical talks, panel discussions of important topics and presentations by people who make things work - just like you. In addition, attendees can network with experts in a variety of fields. These relationships provide great value to organisations as they encounter subtle technical issues in any stage of implementation. The expertise gained by SEMANTiCS attendees has a long-term impact on their careers and organisations. These factors make SEMANTiCS for our community the major industry related event across Europe.

This year, SEMANTiCS features a special Data Science track, which is an opportunity to bring together researchers and practitioners interested in data science and its intersection with Linked Data to present their ideas and discuss the most important scientific, technical and socio-economical challenges of this emerging field.

**SEMANTiCS 2017 will especially welcome submissions for the following hot topics:**

- Data Science (special track, see below)
- Web Semantics, Linked (Open) Data & schema.org
- Corporate Knowledge Graphs
- Knowledge Integration and Language Technologies

- Data Quality Management
- Economics of Data, Data Services and Data Ecosystems

**Following the success of previous years, we welcome any submissions related but not limited to the following 'horizontal' (research) and 'vertical' (industries) topics:**

#### Horizontals

- Enterprise Linked Data & Data Integration
- Knowledge Discovery & Intelligent Search
- Business Models, Governance & Data Strategies
- Semantics in Big Data
- Text Analytics
- Data Portals & Knowledge Visualization
- Semantic Information Management
- Document Management & Content Management
- Terminology, Thesaurus & Ontology Management
- Smart Connectivity, Networking & Interlinking
- Smart Data & Semantics in IoT
- Semantics for IT Safety & Security
- Semantic Rules, Policies & Licensing
- Community, Social & Societal Aspects

#### Data Science Special Track Horizontals

- Large-Scale Data Processing (stream processing, handling large-scale graphs)
- Data Analytics (Machine Learning, Predictive Analytics, Network Analytics)
- Communicating Data (Data Visualization, UX & Interaction Design, Crowdsourcing)
- Cross-cutting Issues (Ethics, Privacy, Security, Provenance)

#### Verticals

- Industry & Engineering
- Life Sciences & Health Care
- Public Administration
- e-Science
- Digital Humanities
- Galleries, Libraries, Archives & Museums (GLAM)
- Education & eLearning
- Media & Data Journalism
- Publishing, Marketing & Advertising
- Tourism & Recreation
- Financial & Insurance Industry
- Telecommunication & Mobile Services
- Sustainable Development: Climate, Water, Air, Ecology
- Energy, Smart Homes & Smart Grids
- Food, Agriculture & Farming
- Safety, Security & Privacy
- Transport, Environment & Geospatial

### **Research / Innovation Papers**

The Research & Innovation track at SEMANTiCS welcomes the submission of papers on novel scientific research and/or innovations relevant to the topics of the conference. Submissions must be original and must not have been submitted for publication elsewhere. The Research & Innovation track at SEMANTiCS is a single-blind review process (author names are visible to reviewers, reviewers stay anonymous by default but we encourage reviewers to sign their reviews). The submitted abstract and the topics are leveraged to find adequate reviewers for submitted papers. Please write an email to the program chairs, if you have any questions.

Papers should follow the ACM ICPS guidelines for formatting and must not exceed 8 pages in length for full papers and 4 pages for short papers, including references and optional appendices. The layout templates can be found here:

<http://www.acm.org/sigs/publications/proceedings-templates>. All accepted full papers and short papers will be published in the digital library of the ACM ICP Series. Research & Innovation papers should be submitted through the EasyChair submission system.

Papers must be submitted in PDF (Adobe's Portable Document Format) format. Other formats will not be accepted. For the camera-ready version, the source files (Latex, WordPerfect, Word) will also be needed. Papers for the Data Science special track follow the same guidelines and can be submitted through the same easychair page.

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#### **Research and Innovation Chairs:**

- Catherine Faron Zucker, [faron@i3s.unice.fr](mailto:faron@i3s.unice.fr), Université Nice Sophia Antipolis
- Rinke Hoekstra, [rinke.hoekstra@vu.nl](mailto:rinke.hoekstra@vu.nl), Vrije Universiteit Amsterdam/University of Amsterdam

#### **Research and Innovation Deputy Chairs:**

- [Bernhard Haslhofer](#), Austrian Institute of Technology
- Laura Hollink, Centrum Wiskunde & Informatica

#### **Conference Chairs:**

- [Victor de Boer](#), Vrije Universiteit Amsterdam
- [Tassilo Pellegrini](#), UAS St. Pölten

The **program committee** will be announced on the conference website <http://2017.semantics.cc>