

SEMANTiCS 2019 - Research and Innovation Track

Call for Papers

15th International Conference on Semantic Systems
Karlsruhe, Germany
September 9 -12, 2019
<https://2019.semantics.cc/>

Important Dates:

- **Abstract Submission Deadline:** **extended May 6, 2019 (11:59 pm, Hawaii time)**
- **Paper Submission Deadline:** **extended May 13, 2019 (11:59 pm, Hawaii time)**
- **Notification of Acceptance:** **June 17, 2019 (11:59 pm, Hawaii time)**
- **Camera-Ready Paper:** **July 29, 2019 (11:59 pm, Hawaii time)**

Submission via EasyChair on <https://easychair.org/conferences/?conf=semantics2019>

Proceedings of the Research and Innovation track will be published by [Springer LNCS](#) and made available **open access**.

Research and Innovation Track

The Research and Innovation track at SEMANTiCS 2019 welcomes 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. Papers must follow the guidelines given in the author instructions, including references and optional appendices. Each submission will be reviewed by several PC members who will judge it based on its innovativeness, technical merits, and effectiveness at solving real problems.

Topics of Interest

Topics of interest include, but are not limited to:

- Web Semantics & Linked (Open) Data
- Enterprise Knowledge Graphs, Graph Data Management, and Deep Semantics
- Machine Learning & Deep Learning Techniques
- Semantic Information Management & Knowledge Integration
- Terminology, Thesaurus & Ontology Management
- Data Mining and Knowledge Discovery
- Reasoning, Rules, and Policies
- Natural Language Processing
- Data Quality Management and Assurance
- Explainable Artificial Intelligence
- Semantics in Data Science
- Semantics in Blockchain and Distributed Ledger Technologies
- Trust, Data Privacy, and Security with Semantic Technologies
- Economics of Data, Data Services, and Data Ecosystems
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- *Special Sub-Topic: Digital Humanities and Cultural Heritage*

- *Special Sub-Topic: LegalTech*

Author Guidelines and Submission

- The Research and Innovation Track welcomes long and short papers. Long papers should have a maximum length of 15 pages (including references) and short papers of 6 pages (including references).
- Submissions should follow the guidelines of the **Springer LNCS** format. Details [are available here](#).
- Abstract submission for all papers is a strict requirement.
- All papers and abstracts have to be submitted electronically via [EasyChair](#).
- Submissions must be in English.
- Submissions are not anonymous.
- Accepted papers will be published by Springer in the Lecture Notes in Computer Science series.
- At least one author of each accepted paper must register for the conference and present the paper.
- The Research and Innovation Track will not accept papers that, at the time of submission, are under review or have already been published in or accepted for publication in a journal or another conference.

Review and Evaluation Criteria

Each submission will be reviewed by several PC members. The reviewing process is single-blind. Papers submitted to this track will be evaluated according to the following criteria:

- Appropriateness
- Originality, novelty, and innovativeness
- Impact of results
- Soundness of the evaluation
- Proper comparison to related work
- Clarity and quality of writing

We are looking forward to your contribution!

Research and Innovation Track Chairs:

Maribel Acosta, [Karlsruhe Institute of Technology](#) & Philippe Coudre-Mauroux, [Université de Fribourg](#)

About SEMANTiCS Conference

The annual SEMANTiCS conference is the meeting place for researchers and professionals who push the boundaries of semantic computing and who understand its benefits and encounter its limitations. Every year, SEMANTiCS attracts professionals and researchers alike ranging from NPOs, through public administrations to the largest companies in the world.

SEMANTiCS 2019 will bring 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/or 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 the major industry related event across Europe for our community.