

JIST2012: The 2nd Joint International Semantic Technology Conference, Dec 2 - 4, 2012, Nara, Japan

SECOND CALL FOR PAPERS

The Joint International Semantic Technology Conference (JIST) is a regional federation of Semantic Technology related conferences. The mission of JIST is to bring together researchers in Semantic Technology research community and other areas of semantic related technologies to present their innovative research results or novel applications of semantic technologies.

The JIST 2012 solicits the submission of original research papers on Semantic Web and other semantic technologies, as well as papers on applications of semantic technologies.

NEW

* **Submissions due for Papers were Extended to September 10** (for Regular, In-Use and Special Tracks)

<http://www.ei.sanken.osaka-u.ac.jp/jist2012/Calls.html#Special>

* **Travel Grants for Students are Available.**

We provide travel grants for students. The candidate is the first author of an accepted full paper of the main conference. See the following links for details.

<http://www.ei.sanken.osaka-u.ac.jp/jist2012/TravelGrants.html>

* **Four Keynote Speakers are Invited;**

- Prof. Eero Hyvönen, *Aalto University*
- Prof. Junichi Tsujii, *Microsoft Research Asia (MSRA)*
- Prof. Juanzi Li, *Tsinghua University*
- Dr. Tom Heath, *Talis Education Limited*

Topics of Interest for Regular Technical Sessions

Topics of interest include, but are not limited to:

Ontology and Reasoning

- Ontology modeling, reuse, extraction, and evolution
- Ontology mapping, merging, and alignment
- Ontology evaluation
- Searching and ranking ontologies
- Reasoning over Semantic Web data
- New formalisms (such as probabilistic approaches)
- Lightweight semantics (linked data, microformats, etc.)

Management of Semantic Web Data

- Languages, tools, and methodologies for Semantic Web data
- Database, IR, and AI technologies for Semantic Web data
- Robust and scalable knowledge management and reasoning on the Web



Conference Venue



Noh theatre

- Machine learning and information extraction on the Web
- Cleaning, assurance, and provenance of Semantic Web data, services, and processes

Linked Data

- Publication of Linked Data
- Consumption of Linked Data
- Reasoning with Linked Data
- Search, query, integration, and analysis on Linked Data
- Integration and mashup of Linked Data
- Mining of Linked Data
- Domain specific applications (eGovernment, disaster, life science etc.)

Social Semantic Web

- Semantics for social media data
- Social network analysis with Semantic Web Technologies
- Querying, mining and analysis of social semantic data
- Social Semantic Web applications
- Semantic Web technologies for collaboration and cooperation
- Representing and reasoning about trust, privacy, and security

Applications of the Semantic Web

- Semantic Web for large scale applications
- Semantic Web for desktops or personal information management
- Semantic Web for multimedia, sensors, and situational awareness
- Semantic Web for P2P, services, agents, grids, and middleware
- Semantic Web for software and systems engineering
- Mobile Semantic Web
- Interface for Semantic Web



Topics of Interest for Regular Technical Sessions

Topics of interest include, but are not limited to:

- Description of an implemented application of semantic technology in a specific domain.
- Description of concrete problems in specific application domains, for which semantic technology can provide a solution.
- Analysis and evaluation of usability and uptake of semantic tools
- Learned lessons and best practices from deploying and using an application or service based on semantic technology
- Assessment of costs and benefits of implementing, deploying, using, and managing semantic technology
- Analysis of risks and opportunities of using semantic technology in organizations with respect to their businesses and customers
- Pragmatics of using or deploying semantic technology in real-world scenarios
- Comparison of semantic technology with alternative approaches that use conventional or competing technologies
- Semantic technology in new application domains, including: eGovernment, eHealth, smart cities, Life Sciences, Sensor networks, Media and entertainment, Telecommunications, Cultural heritage, Financial services, Energy and utilities, Manufacturing, Digital libraries, cloud applications, Personal Information Management, etc.



Special Track Papers

The JIST 2012 accepted two special tracks as follows:

- **Special Track on Linked Data in Practice**
- **Special Track on Database Integration**

6 pages short papers will be submitted and reviewed in the same way as the main technical papers and will be included in the Proceedings if accepted.

For details, please visit the following URL:

<http://www.ei.sanken.osaka-u.ac.jp/jist2012/Calls.html#Special>

Submission

Submissions to JIST 2012 should describe original, significant research on the semantic technologies. Submissions to JIST 2012 are expected to present their claimed contribution, with clear evidence to support their claims. All submissions will be critically reviewed by at least three members of the program committee. To assess submissions, reviewers will judge their relevance to semantic technologies, their originality, the technical soundness of their proposed approach and the readability of the submission.

Submissions must be in PDF format, using the style of the Springer Publications format for Lecture Notes in Computer Science (LNCS).

Submissions must be no longer than **16 pages for REGULAR TECHNICAL SESSIONS** and **6 pages for IN-USE TRACK** and **SPECIAL TRACK**.

Submissions that exceed this limit may be rejected without review. JIST 2012 will not accept submissions that are under review for or have already been

published in or accepted for publication in a journal or another conference. The proceedings will be published as a book in Lecture Note for Computer Science (LNCS) by Springer.

All submissions be submitted via EasyChair at <http://www.easychair.org/conferences/?conf=jist2012>

Accepted papers will be distributed to conference attendees and also published by Springer in the printed conference proceedings. At least one author of each accepted paper must register for the conference and present the paper there.

Important Dates

Submissions due: 23:59 (Hawaii Time), **August 31** (Extended) ~~August 31~~, 2012

Conference: December 2-4, 2012

Venue

The JIST2012 will take place from December 2 to 4, 2012 in Nara, Japan, in the Nara Prefectural New Public Hall (<http://www.shinkokaido.jp/english/>). It is located in the center of Nara National Park.

The hall has an impressive Noh theatre which is designed in a traditional Japanese style. The JIST2012 will use the Noh theatre for some sessions.

Nara is a famous city as World Heritage "Historic Monuments of Ancient Nara". The conference site is next to one of the historic monuments "Tôdai-ji" in which Daibutsu (Great Buddha) is enshrined.



Organization

General Chair:

Riichiro Mizoguchi: Osaka University, Japan

Program Chairs:

Hideaki Takeda: National Institute of Informatics (NII), Japan

Yuzhong Qu: Nanjing University, China

In-Use Track Chair:

Takahiro Kawamura: Toshiba Corp., Japan

Special Track Chair:

Tetsuro Toyoda: RIKEN, Japan

Poster and Demo Chairs:

Ryutaro Ichise: NII, Japan

Seokchan Yun: Daum Communications Corp., Korea

Workshop Chairs:

Zhiqiang Gao: Southeast University, China

Hakrae Kim: Samsung Electronics, Korea

Tutorial Chairs:

Ikki Ohmukai: National Institute of Informatics (NII), Japan

Hanmin Jung: Korea Institute of Science and Technology Information, Korea

Publicity Chair:

Kouji Kozaki: Osaka University, Japan

Local Organizing Chair:

Yoshinobu Kitamura: Osaka University, Japan

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Web site:

<http://www.ei.sanken.osaka-u.ac.jp/jist2012/>