CfP: Seventh IEEE International Conference on Semantic Computing (ICSC 2013)

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- California
- conference
- icsc
- ieee
- Irvine
- semantic computing
- USA

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Seventh IEEE International Conference on Semantic Computing
September 16-18, 2013
Hyatt Regency Irvine
Irvine, California, USA
http://www.ieee-icsc.org/

The field of Semantic Computing addresses the derivation of semantic information from content and the connection of semantics to knowledge, where "content" may be anything including structured data, video, audio, text, hardware, software, process, etc.

The Seventh IEEE International Conference on Semantic Computing (ICSC 2013) continues to foster the growth of a new research community. The conference builds on the success of the past ICSC conferences as an international forum for researchers and practitioners to present research that advances the state of the art and practice of Semantic Computing, as well as identifying emerging research topics and defining the future of the field. The event is located in Irvine, California at Irvine Hyatt. The technical program of ICSC 2013 includes workshops, invited keynotes, paper presentations, panel discussions, industrial 'show and tells', demonstrations, and more. Submissions of high-quality papers describing mature results or ongoing work are invited.

SUBMISSIONS
Authors are invited to submit Regular Papers (8-page technical paper), Short Papers (4-page technical paper), Demonstration Papers and Posters (2 page technical paper), and Workshop and Special Session Proposals. More information is available on the ICSC 2013 web page. The Conference Proceedings will be published by IEEE Computer Society Press. Distinguished quality papers presented at the conference will be selected for publication in internationally renowned journals.

AREAS OF INTEREST INCLUDE (but are not limited to):

Semantics based Analysis

* Natural language processing
* Image and video analysis
* Audio, music and speech analysis
* Data and web mining
* Behavior of software, systems, and networks
* Security
* Privacy
* Analysis of social networks

Semantic Integration

Semantics for the Masses

* Metadata and other description languages
* Database schema integration
* Ontology integration
* Interoperability and service integration
* Semantic programming languages and software engineering
* Semantic system design and synthesis

Applications using Semantics

* Search engines and question answering
* Semantic web services
* Content-based multimedia retrieval and editing
* Context-aware networks of sensors, devices and applications
* Devices and applications
* Digital library applications
* Machine translation
* Music description and meta-creation
* Medicine and Biology
* GIS systems and architecture
* Finance
* Education
* Entertainment
* Analytics and Business Intelligence
* Social media
* Information Technology
* Big Data

Semantic Interfaces

* Natural language interfaces
* Multimodal interfaces and mediation technology
* Human centered computing

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