The Fifth IEEE International Conference on Semantic Computing (IEEE ICSC 2011)

September 18th-21st, 2011, Stanford University, Palo Alto, CA, USA

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 video, audio, text, processes, services, hardware, networks, etc.

The fifth IEEE International Conference on Semantic Computing (ICSC 2011) 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 Palo Alto, CA on the campus of Stanford University. The technical program of ICSC 2011 includes workshops, invited keynotes, paper presentations, panel discussions, industrial 'show and tells', demonstrations, and more. Submissions of high-quality papers describing mature results or on-going work are invited.

Please refer to the conference website for further information: www.ieee-icsc.org/

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 2011 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 and speech analysis, Data and web mining, Behavior of software, services and networks, Security, Privacy, and Analysis of social networks.

Semantic Integration

Metadata and other description languages, Database schema integration, Ontology integration, Inter-operability and service integration, Semantic programming languages and software engineering, and 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, Digital library applications, Machine translation, Music description, Medicine and Biology, and GIS systems and architecture.

Semantic Interfaces

Natural language interfaces, Multimodal interfaces, and Human centered computing.

IMPORTANT DATES

* Feb 22nd, 2011: Special Session Proposals
* Feb 22nd, 2011: Workshop Proposals
* May 17th, 2011: Regular & Short Paper Submission
* May 17th, 2011: Demo Descriptions & Posters
* June 28th, 2011: Notification Date
* July 15th, 2011: Camera-Ready & Registration