



Eleventh IEEE International Conference on Semantic Computing

January 30 – February 1, 2017
Catamaran Resort Hotel & Spa
San Diego, CA, USA
<http://www.ieee-icsc.org>

CALL FOR PAPERS

Semantic Computing (SC) is Computing based on Semantics (“meaning”, “context”, “intention”). It addresses all types of resources including data, document, tool, device, process and people. The scope of SC includes, but is not limited to, analytics, semantics description languages and integration, interfaces, and applications including biomed, IoT, cloud computing, SDN, wearable computing, context awareness, mobile computing, search engines, question answering, big data, multimedia, and services.

The technical program of the Eleventh IEEE International Conference on Semantic Computing (ICSC 2017) will include workshops, invited keynotes, paper presentations, panel discussions, demonstrations, and more. Submissions of high-quality papers describing mature results or ongoing work are invited.

TOPICS OF INTEREST

- **Analytics (from contents to semantics):** Structured data, image and video, audio and speech, big data, natural language, deep learning
- **Description and Integration:** Semantics description language, ontology integration, interoperability
- **Use of Semantics in IT Applications:** Multimedia, IoT, cloud computing, SDN, wearable computing, mobile computing, search engine, question answering, robotics, web service, security and privacy
- **Use of Semantics in Interdisciplinary Applications** such as biomedicine, healthcare, manufacturing, engineering, education, finance, entertainment, business, science, humanity
- **Interface:** Natural language, multi-modal

SUBMISSIONS

Authors are invited to submit an 8-page (regular), 4-page (short), or 6-page (industry) technical paper manuscript in double-column IEEE format following the guidelines available on the ICSC2017 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.

Workshop Proposals Deadline: Sept 23, 2016

(Regular, Short, Demo, Poster, Industry) Paper Submission Deadline: October 7, 2016

