



# 12th IEEE International Conference on Semantic Computing

January 31 – February 2, 2018  
Laguna Hills, California  
<http://www.ieee-icsc.org>

## CALL FOR PAPERS

Semantic Computing (SC) addresses the derivation, description, integration, and use of semantics (“meaning”, “context”, “intention”) for all types of resource including data, document, tool, device, process and people. The scope of SC includes, but is not limited to, analytics, semantics description languages and integration (of data and services), 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 12th IEEE International Conference on Semantic Computing (ICSC 2018) will include workshops, invited keynotes, paper presentations, panel discussions, poster sessions, and more. Submissions of high-quality papers describing mature results or ongoing work are invited.

## TOPICS OF INTEREST

- **Content Analysis (from contents to semantics):** Structured data, image and video, audio and speech, big data, natural language, deep learning
- **Description and Integration (of data and services):** 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 ICSC2018 web page. The conference proceedings will be published by IEEE Computer Society Press. Distinguished quality papers presented at the conference will be selected for the best paper/poster awards and for publication in internationally renowned journals.

**Workshop Proposals Deadline:** September 24, 2017

**(Regular, Short, Demo, Poster, Industry) Paper Submission Deadline:** October 1, 2017

