ICCS 2016

San Diego, California, USA
6-8 June, 2016

International Conference on Computational Science

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Journal of COMPUTATIONAL SCIENCE

"Data through the Computational Lens"

The 16th International Conference on Computational Science (ICCS 2016) will take place in San Diego, California, USA, on June 6-8, 2016. With an average attendance of 350 participants, an excellent lineup of keynote speakers and over 20 thematic workshops, ICCS is the prime annual event in Computational Science, bringing together researchers and scientists from academics and industry.

The theme for ICCS 2016 refers to the crucial role of Computational Science in tackling the myriad problems and applications stemming from a society that produces and analyzes data at an ever-increasing rate. Located on the Pacific coast of California, San Diego is known for its beautiful beaches and parks, warm climate and world-class attractions.

We invite original contributions on all topics related to Computational Science, including, but not limited to:

- Scientific Computing
- Problem Solving Environments
- Advanced Numerical Algorithms
- Complex Systems: Modeling and Simulation
- Hybrid Computational Methods
- Web- and Grid-based Simulation and Computing
- Parallel and Distributed Computing
- Advanced Computing Architectures and New Programming Models
- Large Scale Scientific Instruments

- Visualization and Virtual Reality as Applied to Computational Science
- Applications of Computation as a Scientific Paradigm
- New Algorithmic Approaches to Computational Kernels and Applications
- Computational Humanities
- Education in Computational Science
- Computational Sociology
- Medical and Biomedical Computational Science

PAPER SUBMISSION, PUBLICATIONS AND INDEXATION

The deadline for full paper submission is extended to **January 15, 2016**. ~~December 18~~ All accepted <u>full papers</u> will be published in the open-access Procedia Computer Science and indexed by Scopus, ScienceDirect and Thomson Reuters Conference Proceedings Citation (former ISI Proceedings) – an integrated index within Web of Science. After the conference, selected papers will be invited for a special issue of the Journal of Computational Science (Impact Factor 1.231).

KEYNOTE SPEAKERS

ICCS' keynote speaker lineup is always one the event's highlights. Confirmed so far:

Slawomir Koziel, Reykjavík University, Iceland

Rommie Amaro, University of California, USA

Jackie Chen, Sandia National Laboratories, USA

Sauro Succi, IAC/CNR and University of Roma, Italy | Harvard University, USA

IMPORTANT DEADLINES

Full paper submission.................................... January 15, 2016
Notification of paper acceptance................. January 27, 2016
Camera-ready paper submission.................. March 4, 2016