

ICCS 2017

Zürich, Switzerland

12-14 June, 2017



International Conference on Computational Science

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“The Art of Computational Science. Bridging Gaps – Forming Alloys”

The 17th International Conference on Computational Science (ICCS 2017) will take place in Zürich, Switzerland, on June 12-14, 2017. With an average attendance of 350 participants, an excellent lineup of keynote speakers and many thematic workshops, ICCS is the prime annual event in Computational Science, bringing together researchers and scientists from academics and industry.

The theme for ICCS 2017 highlights the role of computational science as a broad, multidisciplinary field tackling problems and creating synergies with other disciplines. Located in central Europe close to the Alps, Zürich is Switzerland’s largest city, one of the world’s main financial hubs, and home to many parks, museums, churches, and the Swiss Federal Institute of Technology, one of the world’s most distinguished research institutions and the proud host of ICCS 2017.

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 paper submission has been extended to **10th February, 2017**.

All accepted papers 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 1.078).

Keynote Speakers

Anastasia Ailamaki, École Polytechnique Fédérale de Lausanne, Switzerland

Efthymios Kaxiras, Harvard University, USA

Michael Norman, San Diego Supercomputer Center, UC San Diego, USA

Tomaso Poggio, Eugene McDermott Professor, MIT, USA

Olga Sorkine-Hornung, ETH Zürich, Switzerland

Rick Stevens, Argonne National Laboratory, USA

Stefan Thurner, Medical University of Vienna, Austria

Important Deadlines

Full paper submission.....10th February, 2017
Notification of paper acceptance.....20th March, 2017
Camera-ready paper submission.....10th April, 2017



www.iccs-meeting.org

iccs@computationalscience.nl