ICCS 2020

International Conference on Computational Science

Amsterdam, The Netherlands | 3-5 June, 2020

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JOURNAL OF COMPUTATIONAL SCIENCE

"20 Years of Computational Science"

The 20th International Conference on Computational Science (ICCS 2020) will take place in Amsterdam, The Netherlands, on 3-5 June, 2020. With an average attendance of 350 participants, an excellent lineup of keynote speakers and many thematic tracks, ICCS is the prime annual event in Computational Science, bringing together researchers and scientists from academia and industry.

The theme for ICCS 2020 highlights the role of Computational Science over the last twenty years, its numerous achievements, and its future challenges.

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
- Computational Physics
- 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

All accepted papers will be published by Springer in the Lecture Notes in Computer Science (LNCS) series and indexed by Scopus, EI Engineering Index, Thomson Reuters Conference Proceedings Citation Index (included in ISI Web of Science), and several other indexing services. After the conference, the best papers will be invited for a special issue of the Journal of Computational Science (Impact Factor 2.502).

Keynote Speakers

Albert-László Barabási, Northeastern University, USA
Lorena Barba, George Washington University, USA
Peter Hunter, The University of Auckland, New Zealand
Marten Scheffer, SparcS Center, The Netherlands

Important Deadlines

Full paper submission.....................................7 February 2020
Notification of paper acceptance.................12 March 2020
Camera-ready paper submission..................2 April 2020