

# ICCS 2018

Wuxi, China  
11-13 June, 2018



## International Conference on Computational Science

### Chairs

#### Peter Sloot

University of Amsterdam, The Netherlands  
NTU, Singapore

#### Jack Dongarra

University of Tennessee, USA

#### Michael Lees

University of Amsterdam, The Netherlands

#### Valeria Krzhizhanovskaya

University of Amsterdam, The Netherlands  
ITMO University, Russia

### Local Chairs

#### Yong Shi

UCAS, China

#### Haohuan Fu

NSCC-Wuxi, China

### Organizers



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### “Science at the Intersection of Data, Modelling and Computation”

The 18<sup>th</sup> International Conference on Computational Science (ICCS 2018) will take place in Wuxi, China, on June 11-13, 2018. 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 academia and industry.

The theme for ICCS 2018 highlights the role of these three fundamental concepts – Data, Modelling and Computation – in shaping modern science.

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 is **15 December 2017**.

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 1.748).

### Workshop Proposals

ICCS' thematic workshops cover a broad range of topics, from Physics and Biology to intricate engineering and financial problems. We welcome proposals for workshops until **17 November 2017**: <http://www.iccs-meeting.org/iccs2018/call-for-workshops>

### Important Deadlines

Workshop proposals.....17 November 2017  
Full paper submission..... 15 December 2017  
Notification of paper acceptance..... 26 January, 2018  
Camera-ready paper submission..... 2 March, 2018

