

🌐 Singapore 📅 July 7-9, 2025

CONFERENCE WEBSITE: <https://www.iccs-meeting.org/iccs2025/>

| About the Conference

Dear Colleagues,

The 25th International Conference on Computational Science (ICCS) will be taking place next year in the beautiful city of Singapore, on 7-9 July 2025, at the Nanyang Technological University (NTU) Singapore.

We are working diligently to make this a very special event. Have a look at the most recent updates and quick facts:

ICCS News:

[1] Submission deadline: 31 January 2025. Submit your paper now to the following:

<https://easychair.org/conferences/?conf=iccs2025>

[2] ICCS 2025 format:

We are happy to announce that ICCS 2025 in Singapore will mark our return to a fully in-person event.

<https://www.iccs-meeting.org/iccs2025/meeting-format/>

Important Dates

JUL
07

CONFERENCE
DATE
**July 7-9,
2025**

There will still be a registration option (incl. publishing) for authors of accepted contributions who are unable to join us in Singapore.

[3] ICCS proceedings will be published in Springer's LNCS and indexed by Scopus, EI Engineering Index, Thomson Reuters Conference Proceedings Citation Index (included in ISI Web of Science), and several other indices.

[4] ICCS is welcoming proposals for Workshops until 3 January 2025:

<https://www.iccs-meeting.org/iccs2025/call-for-workshops/>

20 Workshops are already confirmed, covering a broad variety of topics:

<https://www.iccs-meeting.org/iccs2025/workshops/>

[5] ICCS is well known for its exciting keynote lectures.

<https://www.iccs-meeting.org/iccs2025/keynote-lectures/>

Confirmed so far are:

- Johan Bollen, Indiana University Bloomington, USA
- Jack Dongarra, The University of Tennessee, USA
- Mile Gu, Nanyang Technological University, Singapore
- Erika Fille Legara, Center for AI Research | Asian Institute of Management, Philippines

Please read below for further details.

We would appreciate if you would forward this call to your colleagues.

- * ICCS 2025
- * International Conference on Computational Science
- * NTU Singapore, 7-9 July 2025
- * <http://www.iccs-meeting.org/iccs2025/>

Call for papers

The International Conference on Computational Science - ICCS 2025 - is now inviting submissions reporting original, unpublished research, and recent developments in Computational Sciences by 31 January 2025.

<https://easychair.org/conferences/?conf=iccs2025>

All accepted papers will be included in the Springer 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. The papers will contain linked references, XML versions, and citable DOI numbers. After the conference, selected papers will be invited for a special issue of the Journal of Computational Science (Impact Factor: 3.1; <https://www.sciencedirect.com/journal/journal-of-computational-science>).

The ICCS conference is the primary annual event in computational science. This interdisciplinary conference on modeling and simulation of real-world phenomena will attract academic and industry leaders from all relevant fields. ICCS

intends to provide a forum to disseminate world-leading research in the field of (scientific) Computational Science and in particular to highlight the role which modelling and simulation plays in future scientific discovery.

ICCS 2025 invites 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
- * 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
- * Large Scale Scientific Instruments
- * Computational Sociology
- * Medical and Biomedical Computational Science
- * Computational Physics
- * Quantum Computing
- * Uncertainty Quantification
- * Artificial Intelligence in Scientific Computing
- * Complex Systems Simulations
- * System Dynamics Models

- * Complex Networks Models and High Performance simulations
- * Massive Agent Based models

As the conference theme this year is “Making Complex Systems Tractable Through Computational Science”, papers highlighting the role of Computational Science in tackling the complex problems of today and tomorrow are particularly welcome.

Paper Types and Publications

ICCS is co-organised with the Workshops on Computational Science (WCS), a set of thematic satellite events that focus on particular aspects of computational science. You can submit your paper to either the Main Conference or any of the Workshops via the same EasyChair link. You can also choose to submit a Full/Short Paper or an Abstract. For all the details on the differences between each submission type, please check: <https://www.iccs-meeting.org/iccs2025/call-for-papers/>

Do also note that:

- * ICCS and WCS papers will be published in separate proceedings, that is, there will be a LNCS publication for the main conference, and a different LNCS publication for the Workshops. But both ICCS and WCS will be published by LNCS, and indexed in the same way.
- * The only difference between Full and Short Papers is the number of accepted pages. They are otherwise published and indexed in the exact

same way.

Papers of up to 15 pages, written in English and complying with the Springer LNCS format, should be submitted electronically through the EasyChair submission system:

<https://easychair.org/conferences/?conf=iccs2025>

Templates are available for download from EasyChair (see the "Submission Templates" link on the top right of the submission details webpage).

Submission implies the willingness of at least one of the authors to register and present the paper. The articles must be based on original unpublished work and must be submitted to ICCS only.

Important Dates

Paper submission deadline: 31 January 2025

Notification to authors: 31 March 2025

Camera-ready papers and registration: 18 April 2025

Keynote Speakers

ICCS is well-known for its exciting keynote lectures.

<https://www.iccs-meeting.org/iccs2025/keynote-lectures/>

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- Mile Gu, Nanyang Technological University,
Singapore

- Erika Fille Legara, Center for AI Research | Asian
Institute of Management, Philippines

Workshops

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Conference Organizers

Main Conference - Program Committee

General Members

* Peter M.A. Sloot. University of Amsterdam, The
Netherlands.

* Jack Dongarra. University of Tennessee, USA.

* Michael Lees. University of Amsterdam, The
Netherlands.

* David Abramson. The University of Queensland,
Australia.

Local Members

* Wentong Cai. Nanyang Technological University,
Singapore.

* Cheong Siew Ann. Nanyang Technological
University, Singapore.

* Su Yi. Institute for High Performance Computing

A*Star, Singapore.

Publicity Chairs

- * Leonardo Franco. University of Málaga.
- * Muhamad Azfar Ramli. Institute for High Performance Computing A*Star, Singapore.

Impact Chair

- * Valeria Krzhizhanovskaya. University of Amsterdam, The Netherlands.

Outreach Chair

- * Alfons Hoekstra. University of Amsterdam, The Netherlands.

Workshops on Computational Science - Program Committee

Chair

- * Maciej Paszynski. AGH University of Krakow. Poland.

Members

- * Amanda S. Barnard. Australian National University. Australia.
- * Yongjie Jessica Zhang. Carnegie Mellon University. USA.

Conference management by Intellegibilis

TOPICS OF INTEREST

2 topics

Research papers are invited in, but not limited to, the following areas:

Computer Science
& Software
Engineering

Uncategorized

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