



The 23rd International Conference on Algorithms and Architectures for Parallel Processing (ICA3PP-23)

<http://tjutanklab.com/ica3pp2023/>

Tianjin, China, October 20-22, 2023

Hosted by Tianjin University, Tianjin, China

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Program Committee

Please see ICA3PP-23 website at <http://tjutanklab.com/ica3pp2023/>

General Information

ICA3PP 2023 provides a forum for academic researchers and industry practitioners to present research progresses, exchange new ideas, and identify future directions in the field of Parallel and Distributed Architectures, Software Systems and Programming Models, Distributed and Network-based Computing, Big Data and its Applications, Parallel and Distributed Algorithms and so on. ICA3PP 2023 is a CCF Rank-C conference. Accepted papers will be published by Springer (under confirmation) and submitted to the EI database. Excellent papers with extension will be recommended for special issues in renowned journals.

Important Dates

Paper Submission Deadline: May 30, 2023 (11:59 PM UTC+8)

Authors Notification: July 30, 2023

Final Manuscript Due: September 10, 2023

Topics

- **Track 1: Parallel and Distributed Architectures**
Chairs: Dezun Dong, National University of Defense Technology, China
- **Track 2: Software Systems and Programming Models**
Chair: Patrick P. C. Lee, Chinese University of Hong Kong, China
- **Track 3: Distributed and Network-based Computing**
*Chairs: Ruidong Li, Kanazawa University, Japan
Meng Shen, Beijing Institute of Technology, China*
- **Track 4: Big Data and its Applications**
Chair: Li Chen, University of Louisiana at Lafayette, USA
- **Track 5: Parallel and Distributed Algorithms**
*Chairs: Wei Bao, University of Sydney, Australia
Jun Li, City University of New York, USA*
- **Track 6: Applications of Parallel and Distributed Computing**
*Chairs: Hang Qiu, Waymo, USA
Ang Li, Qualcomm, USA*
- **Track 7: Service Dependability and Security in Distributed and Parallel Systems**
Chair: Wei Yang, University of Texas at Dallas, USA
- **Track 8: Internet of Things and Cyber-Physical-Social Computing**
Chair: Yu Yang, Lehigh University, USA
- **Track 9: Performance Modeling and Evaluation**
Chair: Zhibin Yu, Shenzhen Institute of Advanced Technology, CAS, China

Submission Guidelines

Submitted papers must not substantially overlap with papers that have been published or that are simultaneously submitted to a journal or a conference with proceedings. The work must be clearly presented in English in [Springer LNCS Format](#) and must be submitted via [EasyChair](#). The total length of the final papers is at most 20 pages (for regular papers) and 12 pages (for short papers), including tables, figures, references, and appendixes. Papers will be selected based on their originality, significance, timeliness, relevance, and clarity of presentation assessed by at least three reviewers. Submission of a paper should be regarded as a commitment that, should the paper be accepted, at least one of the authors will register and attend the symposium to present the work.