CfP: 24th IEEE International Conference on Parallel and Distributed Systems (ICPADS 2018)

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CALL FOR PAPERS

24th IEEE International Conference on Parallel and Distributed Systems (ICPADS 2018)

December 11 - 13, 2018 | Singapore | http://icpads.sg

Established in 1992, ICPADS has been a major international forum for scientists and engineers to exchange and share new ideas and their latest research results regarding systems that are inherently parallel and/or distributed. The 24th IEEE International Conference on Parallel and Distributed Systems (ICPADS 2018) will be held in Singapore in December 2018. The conference provides an international forum for scientists, engineers and users to exchange and share their experiences, new ideas, and latest research results on all aspects of parallel and distributed systems. Contributions are solicited in all areas of parallel and distributed systems research and applications. Singapore is a global city and thriving international financial hub attracting international tech companies and is accompanied by a vibrant and successful start-up culture. Related to ICPADS, Singapore's Smart Nation uses technology to provide a smart infrastructure that enables visitors to enjoy its many sites and attractions in a safe, clean and green environment.

Topics of Interest

Original, unpublished contributions are solicited covering the general aspects of parallel and distributed systems. Topics of interest include, but are not limited to:

- Parallel and Distributed Applications and Algorithms
- Cloud OS, Middleware, Toolkits, and Applications
- Data Intensive Computing and Data Centre Architecture
- Big Data Platforms
- High Performance Computational Biology and Bioinformatics
- Power-Aware and Green Computing
- Security and Privacy
- Dependable and Trustworthy Computing and Systems
- Internet of Things

- Fog/Edge Computing
- Cyber-Physical Systems and Sensor Networks
- Embedded systems
- Real-Time and Multimedia Systems
- Operating Systems, Distributed and Parallel Systems
- Communication and Networking Systems
- Ubiquitous and Mobile Computing
- Peer-to-Peer Computing
- Multi-Core and Multithreaded Architectures
- Virtualization Techniques
- Resource Provision, Management, and Scheduling
- Cluster and Grid Computing
- Web-Based Computing and Service-oriented Architecture
- Performance Modelling and Evaluation

Submission (https://easychair.org/conferences/?conf=icpads2018)
Papers must be unpublished and must not be submitted for publication elsewhere. All papers will be reviewed by Program Committee members and other experts active in the field to ensure high quality and relevance to the conference. Submissions should include author information, abstract, 5-10 keywords, and be in PDF format. Each submission must not exceed 10 pages in the IEEE 8.5" x 11" two-column format with 10 point font, including tables, figures and references. The final version will be limited to 8 pages in IEEE proceeding format for conference papers. Up to 2 extra pages may be purchased. Each submission should be regarded as an undertaking that, should the submission be accepted, at least one of the authors must register the paper and attend the conference to present the work in order for the accepted paper to be included into the IEEE digital library. Papers accepted for ICPADS 2018 conference will be published by the IEEE Computer Society Press. All accepted papers will be included in IEEE Xplore and indexed by EI. Best Paper Award will be presented in the conference.

Important Dates

- On-line submission system open: 20 May, 2018
- Deadline for paper submissions: 13 July, 2018
- Notification of paper acceptance: 01 September, 2018
- Deadline of camera-ready version: 25 September, 2018

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