INTERNATIONAL CONFERENCE ON PARALLEL PROCESSING

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sighpc

ICPP/2021/CHICAGO/USA

AUGUST 9–12, 2021
http://www.icpp-conf.org

CALL FOR CONTRIBUTIONS

ICPP, the *International Conference on Parallel Processing*, provides a forum for engineers and scientists in academia, industry and government to present their latest research findings in all aspects of parallel and distributed computing. It is one of the oldest computer science conferences and 2021 will be the 50th year of ICPP. ICPP2021 will be held at the Argonne National Laboratory in Chicago, IL, USA and special events will be held to celebrate the 50th anniversary at the conference.

TRACKS

Algorithms: Parallel and Distributed Algorithms, Parallel and Distributed Combinatorial & Numerical Methods, Scheduling Algorithms for Parallel and Distributed Applications and Platforms, Algorithmic Innovations for Parallel and Distributed Machine Learning

Applications: Parallel and Distributed Applications, Scalable Data Analytics & Applied Machine Learning, Computational and Data-driven Science & Engineering (e.g., astrophysics, computational chemistry, bioinformatics, climate science, finance, geology)

Architecture: Micro-Architecture for Parallel Computing, Parallel Computer Architecture and Accelerators Designs, Datacenter/Warehouse Computing Architecture, Machine-Learning Architectures, Architectural Support for Networking, New Memory Technologies, Near-Memory Computing, Parallel I/O, Architectures for Edge Computing, Architectural Support for Reliability and Security

Performance: Performance Modeling of Parallel or Distributed Computing, Performance Evaluation of Parallel or Distributed Systems; Scalability; Simulation Models; Analytical Models; Measurement-based Evaluation

Software: Systems Software, Middleware, Runtime Systems, Parallel and Distributed Programming Languages & Models, Programming Systems, Compilers, Libraries, Programming Infrastructures and Tools, Operating and Real-Time Systems

IMPORTANT DATES

April 10, 2021	Paper Abstract Submission	**April 16, 2021**	Paper Submission
May 31 - June 2, 2021	Author Response Period	**June 11, 2021**	Author Notification
February 19, 2021	Workshop proposal submissions	**February 26, 2021**	Workshop proposal notifications

SUBMISSION GUIDELINES

Paper submissions should not exceed 10 pages (including references) in the ACM format located at: https://www.acm.org/publications/proceedings-template. The review process is double-blind, and submissions should not reveal the identity of the authors. ICPP2021 is held in-cooperation with ACM under ACM SIGHPC.

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