



CALL FOR PAPERS

The IEEE International Symposium on High-Performance Computer Architecture provides a high-quality forum for scientists and engineers to present their latest research findings in this rapidly-changing field. Authors are invited to submit papers on all aspects of high-performance computer architecture.

Authors should submit an abstract by July 30, 2019 5:00 PM anywhere on earth (AOE). They should submit the full version of the paper by August 6, 2019, 5:00 PM AOE. No extensions will be granted. The full version should be a PDF file following the submission guidelines that will be made available at the submission website. Papers should be submitted for double-blind review. New-idea papers as well as papers that significantly advance established areas are strongly encouraged. Submission questions should be directed to Yan Solihin <hpca2020pc@gmail.com>. HPCA-26 will also host an Industrial Paper Session presenting novel insights from industry. See the HPCA 2020 website: <http://www.hpca-conf.org/2020/> for additional information about HPCA 2020 and submission details.

Topics of interest include, but are not limited to:

- Accelerators
- Architecture applications of Machine Learning
- Caches
- Cloud, datacenter, cluster/distributed systems
- Embedded, IoT
- Emerging technologies
- FPGAs and Reconfigurable
- GPUs
- Hardware/software interactions/interface
- ILP techniques (speculation, prediction, prefetching, etc.)
- IO, storage
- Memory - high level (VM/TLB, persistency, etc.)
- Memory - low level (devices, organization, etc.)
- Networking, interconnects
- Parallel/multi-core architectures
- Performance characterization/modeling
- Power efficiency and management
- Quantum architectures
- Reliability and fault tolerance
- Security

Call for Papers
26th IEEE
International
Symposium on
High Performance
Computer
Architecture
Feb 22-26, 2020
San Diego

IMPORTANT DATES

- Abstract submission : July 30, 2019
- Full paper submission : August 6, 2019
- Rebuttal/revision : October 1-9, 2019
- Notification: November 6, 2019
- Conference: February 22-26, 2020

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