

The 30th International ACM Symposium on High-Performance Parallel and Distributed Computing

HPDC'21

Stockholm (Online) 21-25 June 2021

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DEADLINES (AoE)

Abstracts due: **January 18, 2021**

Papers due: **January 24, 2021**

Author notification: **March 28, 2021**

Conference dates: **June 21–25, 2021**

MORE INFO

<http://www.hpdc.org/2021>

OVERVIEW

The ACM International Symposium on High-Performance Parallel and Distributed Computing (HPDC) is the premier annual conference for presenting the latest research on the design, implementation, evaluation, and the use of parallel and distributed systems for high-end computing. The 30th HPDC will take place online on June 21–25, 2021.

SCOPE AND TOPICS

Submissions are welcomed on high-performance parallel and distributed computing (HPDC) topics including but not limited to: clouds, clusters, grids, big data, massively multicore, and extreme-scale computing systems. Experience reports of operational deployments that provide significantly novel insights for future research on HPDC applications and systems will also receive special consideration.

In the context of high-performance parallel and distributed computing, the topics of interest include, but are not limited to:

- AI for systems, systems for AI
- Big data stacks and big data ecosystems
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- Emerging application areas, including cloud/edge computing and IoT
- Fault tolerance, reliability, and availability
- File and storage systems, I/O, and data management
- High performance runtime environments
- Multi- and many-core systems, including accelerators and heterogeneous systems
- Operational guarantees, risk assessment and management
- Performance modeling, analysis, and engineering
- Programming languages, compilers, and APIs
- Programming models
- Resource management and scheduling, including cost/energy-aware techniques

SUBMISSION GUIDELINES

Authors are invited to submit technical papers of at most 12 pages in PDF format, including figures and references. Papers should be formatted in the ACM Proceedings Style and submitted via the conference web site. Submitted papers must be original work that has not appeared in and is not under consideration for another conference or a journal. Reviewing will be double-blind—please refer to the website for more details.

