The 27th International Symposium on High-Performance Parallel and Distributed Computing
Phoenix, AZ, USA, June 11-15, 2018

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MORE INFOMATION
http://www.hpdc.org/2018

TENTATIVE DEADLINES

- Abstracts due: **January 17,2018**
- Papers due: **January 24, 2018**
- Author notifications: **March 29, 2018**
- Camera ready: **April 12, 2018**
- Conference dates: **June 11 - 15, 2018**

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 27th HPDC will take place in Tempe, AZ on June 11-15, 2017.

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:

- Operating systems, networks, and architectures
- High performance runtime environments
- Massively multicore systems, including heterogeneous systems
- Datacenter technology, resource virtualization
- Programming languages, APIs, and system inter-operation approaches
- File and storage systems, I/O, and data management
- Big data stacks and big data ecosystems
- Resource management and scheduling, including energy-aware techniques
- Performance modeling, analysis, and engineering
- Fault tolerance, reliability, and availability
- Operational guarantees, and risk assessment and management
- Traditional and emerging applications, tools and services that depend upon high-end computing

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.