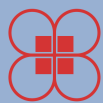


Call for Papers



HPDC'12

JUNE 18 – 22, 2012 • DELFT, THE NETHERLANDS

The 21st International ACM Symposium on
HIGH-PERFORMANCE PARALLEL and DISTRIBUTED COMPUTING

<http://www.hpdc.org/2012/>

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The ACM International Symposium on [High-Performance Parallel and Distributed Computing](#) (HPDC) is the premier annual conference on the design, the implementation, the evaluation, and the use of parallel and distributed systems for high-end computing. HPDC'12 will take place in Delft, the Netherlands, a historical, picturesque city that is less than one hour away from Amsterdam-Schiphol airport. The conference will be held on June 20-22 (Wednesday to Friday), with affiliated workshops taking place on June 18-19 (Monday and Tuesday).

SCOPE AND TOPICS

Submissions are welcomed on all forms of high-performance parallel and distributed computing, including but not limited to clusters, clouds, grids, utility computing, data-intensive computing, and massively multicore systems. Submissions that explore solutions to estimate and reduce the energy footprint of such systems are particularly encouraged. All papers will be evaluated for their originality, potential impact, correctness, quality of presentation, appropriate presentation of related work, and relevance to the conference, with a strong preference for rigorous results obtained in operational parallel and distributed systems.

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

- Systems, networks, and architectures for high-end computing
- Massively multicore systems
- Virtualization of machines, networks, and storage
- Programming languages and environments
- I/O, storage systems, and data management
- Resource management, energy and cost minimizations
- Performance modeling and analysis
- Fault tolerance, reliability, and availability
- Data-intensive computing
- Applications of parallel and distributed computing

PAPER 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](#). No changes to the margins, spacing, or font sizes as specified by the style file are allowed. Accepted papers will appear in the conference proceedings, and will be incorporated into the ACM Digital Library. A limited number of papers will be accepted as posters.

Papers must be self-contained and provide the technical substance required for the program committee to evaluate their contributions. Submitted papers must be original work that has not appeared in and is not under consideration for another conference or a journal. See the ACM [Prior Publication Policy](#) for more details.

IMPORTANT DATES

Workshop Proposals Due:	3 October 2011
Abstracts Due:	16 January 2012
Papers Due:	23 January 2012 (No extensions!)
Reviews Released to Authors:	8 March 2012
Author Rebuttals Due:	12 March 2012
Author Notifications:	19 March 2012
Final Papers Due:	16 April 2012
Conference Dates:	18-22 June 2012

CALL FOR WORKSHOP PROPOSALS

Workshops affiliated with HPDC will be held on June 18-19 (Monday and Tuesday). For more information on the workshops and for the complete Call for Workshop Proposals, see the workshops page on the [conference website](#).