GENERAL CO-CHAIRS
Manish Parashar, Rutgers University
Jon Weissman, University of Minnesota

PROGRAM CO-CHAIRS
Dick Epema, Delft University of Technology
Renato FIgueiredo, University of Florida

WORKSHOPS CHAIR
Abhishek Chandra, University of Minnesota

LOCAL ARRANGEMENTS CHAIR
Daniele Scarpazza, D. E. Shaw Research

SPONSORSHIP CHAIR
Dean Hildebrand, IBM Almaden

POSTER CHAIR
Ivan Rodero, Rutgers University

PUBLICITY CO-CHAIRS
Alexandru Iosup, Delft University of Technology
Ioan Raicu, Illinois Institute of Technology
Kenjiro Taura, University of Tokyo
Bruno Schulze, LNCC

PROGRAM COMMITTEE
David Abramson, Monash University
Kento Aida, National Institute of Informatics
Gabriel Antoniu, INRIA
Henri Bal, Vrije Universiteit
Adam Barker, University of St Andrews
Michela Becchi, University of Missouri - Columbia
John Bent, EMC
Ali Butt, Virginia Tech
Kirk Cameron, Virginia Tech
Franck Cappello, INRIA & Univ. of Illinois Urbana-Champaign
Henri Casanova, University of Hawaii
Abhishek Chandra, University of Minnesota
Andrew Chien, Univ. of Chicago & Argonne National Lab
Paolo Costa, Microsoft Research Cambridge
Peter Dinda, Northwestern University
Gilles Fedak, INRIA
Ian Foster, Univ. of Chicago & Argonne National Lab
Clemens Grelck, University of Amsterdam
Dean Hildebrand, IBM Research
Fabrice Huet, INRIA-University of Nice
Adriana Iamnitchi, University of South Florida
Alexandru Iosup, Delft University of Technology
Kate Keahey, Argonne National Laboratory
Thilo Kielmann, Vrije Universiteit
Charles Killian, Google
Zhiling Lan, Illinois Institute of Technology
John Lange, University of Pittsburgh
Barney Maccabe, Oak Ridge National Laboratory
Carlos Maltzahn, University of California, Santa Cruz
Naoya Maruyama, RIKEN
Satoshi Matsuoka, Tokyo Institute of Technology
Manish Parashar, Rutgers University
Judy Qiu, Indiana University
Ioan Raicu, Illinois Institute of Technology
Philip Rhodes, University of Mississippi
Matei Ripeanu, University of British Columbia
Prasenjit Sarkar, IBM Research
Daniele Scarpazza, D.E. Shaw Research
Karsten Schwan, Georgia Institute of Technology
Martin Swany, Indiana University
Michela Taufer, University of Delaware
Kenjiro Taura, University of Tokyo
Douglas Thain, University of Notre Dame
Cristian Ungureanu, NEC Labs
Ana Varbanescu, Delft University of Technology
Chuliang Weng, Shanghai Jiao Tong University
Jon Weissman, University of Minnesota
Yongwei Wu, Tsinghua University
Dongyan Xu, Purdue University
Ming Zhao, Florida International University

STEERING COMMITTEE
Henri Bal, Vrije Universiteit
Andrew A. Chien, University of Chicago
Peter Dinda, Northwestern University
Ian Foster, Univ. of Chicago and Argonne National Laboratory
Salim Hariri, University of Arizona
Arthur "Barney" Maccabe, Oak Ridge National Laboratory
Manish Parashar, Rutgers University
Karsten Schwan, Georgia Tech
Doug Thain, University of Notre Dame
Jon Weissman, University of Minnesota (Chair)

Call for Papers

http://www.hpdc.org/2013/

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 22nd HPDC will take place June 17-21, 2013 in the heart of iconic New York City at the New Yorker Hotel.

SCOPE AND TOPICS

Submissions are welcomed on high-performance parallel and distributed computing topics including but not limited to: clusters, clouds, grids, data-intensive computing, massively multicore, and global-scale computing systems. New scholarly research showing empirical and reproducible results in architectures, systems, and networks is strongly encouraged, as are experience reports of operational deployments that can provide insights for future research on HPDC applications and systems. All papers will be evaluated for their originality, technical depth and correctness, potential impact, relevance to the conference, and quality of presentation. Research papers must clearly demonstrate research contributions and novelty, while experience reports must clearly describe lessons learned and demonstrate impact.

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

- Systems, networks, and architectures for high-end computing
- Massively multicore systems
- Resource virtualization
- Programming languages and environments
- I/O, storage systems, and data management
- Resource management and scheduling, including energy-aware techniques
- 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. Papers should thoughtfully address all related work, particularly work presented at previous HPDC events. 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

14 January 2013	Abstracts Due
21 January 2013	Papers Due (No extensions)
	(Submissions due 11:59 PM Anywhere on Earth)
6 March 2013	Reviews Released to Authors
10 March 2013	Author Rebuttals Due
17 March 2013	Author Notifications
17-18 June 2013	HPDC Workshops
19-21 June 2013	HPDC Conference