



ACM HPDC 2010 - hpdc.org

Call for Participation

19th ACM International Symposium on
High Performance Distributed Systems

Chicago, Illinois, USA
June 20-25, 2010

Overview

The ACM International Symposium on High Performance Distributed Computing (HPDC) is the premier venue for presenting the latest research on the design, implementation, evaluation, and use of parallel and distributed systems for high performance and high end computing. The 19th installment of HPDC will take place in the heart of Chicago, Illinois, the third largest city in the United States and a major technological and cultural capital located on the shore of Lake Michigan, one of the largest freshwater lakes in the world.

Highlights

- 3 Keynotes: Guy Steele (Sun/Oracle), Randal Bryant (CMU), Robert Harrison (ORNL)
- Single track presentation of 23 full papers (25% acceptance rate) and 22 posters
Workflows, Resources and Clouds, Map Reduce and Debugging, Data Centers and Virtualization, Storage and I/O, Applications and Provenance, Communication and Scheduling, Best Papers
- Panel on expanding parallel programming beyond the usual suspects
- Industry session (email hpdc2010-industry-session@presciencelab.org for participation)
- Wild and crazy ideas session (email hpdc2010-wild@presciencelab.org for participation)
- 8 co-located workshops
Emerging Computational Methods for the Life Sciences, LSAP: Large-Scale System and Application Performance, MDQCS: Managing Data Quality for Collaborative Science, ScienceCloud: Workshop on Scientific Cloud Computing, CLADE: Challenges of Large Applications in Distributed Environments, DIDC: Data Intensive Distributed Computing, MAPREDUCE: Map Reduce and its Applications, VTDC: Virtualization Technologies for Distributed Computing
- Co-located Open Grid Forum meeting (OGF29)
- Full program available from web site (hpdc.org)

Venue, Registration, Student Travel Grants, and Sponsorship

All events will take place at the Doubletree Hotel Chicago Magnificent Mile, located within easy walking distance of numerous downtown Chicago attractions and Lake Michigan (including beaches), with easy access to the entire Chicago area via subway.

Discounted registration is available through May 31. A discounted room rate is available through May 21. Student travel grant applications are being accepted. For more information and to register, please visit hpdc.org.

HPDC is pleased to acknowledge support or sponsorship from ACM, NSF, Intel, Google, NVIDIA, Microsoft Research, the Computation Institute at the University of Chicago, the Digital Science Center at Indiana University, the NSF Center for Autonomic Computing at the University of Arizona, and the Department of Electrical Engineering and Computer Science at Northwestern University.