

2009 IEEE International Conference on Cluster Computing

(sponsorship pending)



<http://www.cluster2009.org/>

Call for Papers



New Orleans, Louisiana, Aug 31-Sep 4, 2009

Cluster 2009 welcomes submissions on innovative work from researchers in academia, industry, and government, describing original research in the field of cluster computing. Topics of interest include, but are not limited to:

- Cluster Architecture and Hardware Systems
 - Node architectures
 - Packaging, Power, and Cooling
- Cluster Software and Middleware
 - Software Environments and Tools
 - Single -System Image Services
 - Parallel File Systems and I/O Libraries
 - Standard Software for Clusters
 - Virtualization
- Cluster Networking
 - High-Speed Interconnects
 - High Performance Message Passing Libraries
 - Lightweight Communication Protocols
- Implications of Multicore and Clouds on Clusters
 - Hardware Architecture
 - Software and Tools
 - Networking
 - Management
 - Applications
- Applications
 - Application Methods and Algorithms
 - Adaptation to Multicore
 - Data Distribution, Load Balancing & Scaling
 - MPI/OpenMP Hybrid Computing
 - Visualization
- Performance Analysis and Evaluation
 - Benchmarking & Profiling Tools
 - Performance Prediction & Modeling
- Cluster Management
 - Security and Reliability
 - High Availability Solutions
 - Resource and Job Management

For submission and formatting information see the Conference website: <http://www.cluster2009.org/>

Conference Organization

General Chair: Daniel S. Katz, LSU, USA

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Jack Dongarra, U. Tennessee, USA,

Bill Gropp, U. Illinois, USA,

Satoshi Matsuoka, Tokyo Institute of Tech., Japan,

Barton Miller, U. Wisconsin, USA

Tutorial Chairs: Robert Ferraro, JPL, USA,

Bryan Biegel, ARC, USA

Workshop Chair: Wu Feng, Virginia Tech, USA

Poster Co-Chairs: Sushil Prasad, Georgia St. U., USA,
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Finance Chair: Box Leangsuksun, La. Tech, USA

Local Arrangements Chair: Karen Jones, LSU, USA

PR/Graphics Chair: Kristen Sunde, LSU, USA

Important Dates

Workshop Proposals Due	Nov 22 2008
Tutorial Proposals Due	Mar 31 2009
Technical Paper Submissions	Apr 14 2009
Tech. Paper Acceptance	Jun 5 2009
Poster Submissions Due	Jun 12 2009
Poster Acceptance	Jul 17 2009
Final Submissions Due	Jul 31 2009