

CALL FOR PAPERS

4th International Workshop on

Parallel Programming Models and Systems Software for High-End Computing (P2S2 2011)

September 13th, 2011

<http://www.mcs.anl.gov/events/workshops/p2s2/2011>

In conjunction with the 40th International Conference on Parallel Processing (ICPP'11)
Taipei, Taiwan

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Scope of the Workshop

The P2S2 workshop provides a forum for engineers and scientists in academia, industry and government to present their latest research findings in aspects of parallel programming models and systems software. We are soliciting contributions in areas including but not limited to:

- Systems software for high-end scientific and enterprise computing architectures
 - Communication sub-subsystems for high-end computing
 - High-performance File and storage systems
 - Fault-tolerance techniques and implementations
 - Efficient and high-performance virtualization and other management mechanisms
- Programming models and their high-performance implementations
 - MPI, Sockets, OpenMP, Global Arrays, X10, UPC, Chapel, Fortress and others
 - Hybrid Programming Models
- Tools for Management, Maintenance, Coordination and Synchronization
 - Debugging and Management libraries for large-scale systems
 - Software for Enterprise Data-centers using Modern Architectures
 - Job scheduling libraries
 - Toolkits for process and task coordination on modern platforms
- Performance evaluation, analysis and modeling of emerging computing platforms

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Conference Timeline

Paper Submission Deadline	March 24 th , 2011
Author Notification	May 29 th , 2011
Final Manuscript Due	June 30 th , 2011

Proceedings of the workshop will be published in CD Format and will be available at the workshop. The accepted papers will be included in and indexed by the IEEE digital library. See the P2S2 workshop website for instructions on electronic paper submission