3rd Workshop on Large-scale System and Application Performance (LSAP2011)

In conjunction with the 20-th International ACM Symposium on High-Performance Parallel and Distributed Computing (HPDC-20)
San Jose, USA, June 8, 2011 **http://www.lsap2011.org**

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IMPORTANT DATES
Submission deadline: January 31, 2011
Author notification: February 28, 2011
Final papers due: March 24, 2011
Workshop: June 8, 2011

SUBMISSION SITE
www.easychair.org/conferences/?conf=lsap2011

WORKSHOP WEBSITE
www.lsap2011.org

PROGRAM COMMITTEE (not yet complete)
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Over the last decade, computer systems and applications in everyday use have grown to unprecedented scales. Large clusters serving millions of search requests per day, grids executing large workflows and parameter sweeps consisting of thousands of jobs, and supercomputers running complex e-science applications, have now hundreds of thousands of processing cores, and clouds are quickly emerging as a large-scale computing infrastructure. In addition, peer-to-peer systems and centralized video distribution systems that dominate the internet, online social networks, and complicated internet applications such as massive multiplayer online games are used by millions of people every day.

In view of this tremendous growth, understanding the performance of large-scale computer systems and applications has become vital to institutional, commercial, and private interests. This workshop solicits original papers on performance evaluation methods, tools, and case studies **explicitly focusing on the challenges of large scale**, such as decentralization, predictable performance, reliability, and scalability. It aims to bring together system designers and researchers involved with the modeling and performance evaluation of large-scale systems and applications.

Topics of interest include but are not limited to:
- Performance aspects of large-scale systems
- Performance aspects of large-scale applications
- Performance-oriented properties such as availability, reliability, and scalability
- Workload characterization and modeling
- Mathematical modeling and analysis methods
- Simulation methods and tools
- Measurement methods and tools
- Performance case studies
- Exascale and beyond

SUBMISSION GUIDELINES
Submitted papers should be limited to **8 pages** (including tables, images, and references) and formatted according to the ACM SIG Style. Please use the Easychair submission site to submit your paper; only pdf format is accepted. All papers will receive at least *three reviews*. Submission implies the willingness of at least one of the authors to register for the workshop and present the paper. The authors of the best paper in the workshop will receive a *best-paper award*.

PROCEEDINGS
Accepted workshop papers will appear in the HPDC conference proceedings and will be incorporated in the ACM Digital Library.

CONTACT
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