

# First USENIX Workshop on Large-Scale Computing (LASCO '08)

Sponsored by USENIX, the Advanced Computing Systems Association

<http://www.usenix.org/lasco08>

June 23, 2008

Boston, MA, USA

*Co-located with the 2008 USENIX Annual Technical Conference (USENIX '08), which will take place June 22–27, 2008*

## Important Dates

Submissions due: *April 16, 2008, 11:59 p.m. PDT*

Notification to authors: *May 5, 2008*

Final papers due: *June 2, 2008*

## Workshop Organizers

### Program Chair

Toni Cortes, *Barcelona Supercomputing Center*

### Publicity Chair

Michael Schöttner, *Heinrich-Heine-Universität Düsseldorf*

### Program Committee

Gheorghe Almasi, *IBM T.J. Watson Research Center, USA*

David Bader, *Georgia Institute of Technology, USA*

Yolande Berbers, *Katholieke Universiteit Leuven, Belgium*

Angelos Bilas, *FORTH, Greece*

Erich Focht, *NEC, Germany*

Andrzej Goscinski, *Deakin University, Australia*

Ian Johnson, *Science and Technology Facilities Council, UK*

Thilo Kielmann, *Vrije Universiteit, The Netherlands*

Christine Morin, *INRIA, France*

Ira Pramanick, *Google, USA*

Rob Ross, *Argonne National Laboratory, USA*

Stephen L. Scott, *Oak Ridge National Laboratory, USA*

Heinz Stockinger, *Swiss Institute of Bioinformatics, Switzerland*

Zhiwei Xu, *Institute of Computing Technology of the Chinese Academy of Sciences, China*

## Workshop Overview

With the increasing interest devoted to grid computing and large clusters, large-scale computing is once more becoming a key topic in the systems arena. Current technology and needs are pushing the concept of large-scaling much further than ever before, and new solutions need to be researched and applied.

The objective of this workshop is to gather people working on large-scale computing. For this reason, we will organize it with a mixture of invited speakers who are leaders or key participants of significant projects in the area, traditional research papers, and larger attendant participation (more time for discussion).

We seek high-quality submissions that further the knowledge and understanding of large-scale computing, with an emphasis on implementations and experimental results. Specific topics of interest include but are not limited to:

- Application execution management
- Application-system interface
- Ease of use
- File and storage systems
- Grid operating systems
- Heterogeneity
- Industrial use cases
- Networking and network services
- Peer-to-peer management
- Reliability, availability, and scalability
- Security, privacy, and trust
- System and network management and troubleshooting
- Virtualization

## Submitting a Paper

Submissions should be no longer than ten (10) U.S. letter (8.5" x 11") pages, two-column format, using 10-point type on 12-point (single-spaced) leading within a 6.5" x 9" text block.

Author names and affiliations should appear on the title page. Submissions must be in PDF and must be submitted via the Web submission form on the LASCO '08 Call for Papers Web site, <http://www.usenix.org/lasco08/cfp>.

Papers accompanied by nondisclosure agreement forms will not be considered. All submissions will be treated as confidential prior to publication in the Proceedings.

Simultaneous submission of the same work to multiple venues, submission of previously published work, and plagiarism constitute dishonesty or fraud. USENIX, like other scientific and technical conferences and journals, prohibits these practices and may, on the recommendation of a program chair, take action against authors who have committed them. In some cases, program committees may share information about sub-

mitted papers with other conference chairs and journal editors to ensure the integrity of papers under consideration. If a violation of these principles is found, sanctions may include, but are not limited to, barring the authors from submitting to or participating in USENIX conferences for a set period, contacting the authors' institutions, and publicizing the details of the case.

Authors uncertain whether their submission meets USENIX's guidelines should contact the Program Chair, [toni.cortes@bsc.es](mailto:toni.cortes@bsc.es), or the USENIX office, [submissionspolicy@usenix.org](mailto:submissionspolicy@usenix.org).

Online copies of the papers will be made available before the workshop to registered attendees and will be publicly available online after the workshop. Participants may update their papers to incorporate workshop feedback.