

Workshop on Large-scale Systems (LARGE '09)

Sponsored by USENIX, the Advanced Computing Systems Association

<http://www.usenix.org/large09>

June 16, 2009

San Diego, CA

LARGE '09 will be co-located with the 2009 USENIX Annual Technical Conference (USENIX '09), which will take place June 14–19, 2009.

Important Dates

Submissions due: May 1, 2009

Notification to authors: May 22, 2009

Final files due: June 1, 2009

Workshop Organizers

Program Co-Chairs

Thilo Kielmann, *Vrije Universiteit, Amsterdam, The Netherlands*
Brian Noble, *University of Michigan, USA*

Program Committee

Yolande Berbers, *Katholieke Universiteit Leuven, Belgium*

Angelos Bilas, *FORTH, Greece*

Toni Cortes, *Barcelona Supercomputing Center, Spain*

Erich Focht, *NEC, Germany*

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

Christine Morin, *INRIA, France*

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

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

Overview

Large-scale computing—clusters, clouds, and grids—is once again a central topic in both industry and academia. It is an area where real systems are making a difference, but building these real systems requires deep insights and new approaches.

The objective of the workshop is to gather people working on large-scale computing in real-world settings. Therefore the workshop will consist of a mixture of invited speakers who are driving significant real-world projects, traditional research papers, and opportunities for broader attendee participation.

Topics

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

- Application execution management
- Application-system interface
- Ease of use
- Experience papers or “lessons learned”
- File and storage systems
- Grid operating systems

- Industrial use cases
- Networking and network services
- Peer-to-peer management
- Platform heterogeneity
- Reliability, availability, and scalability
- Security, privacy, and trust
- System and network management and troubleshooting
- Virtualization
- “War stories” from real deployments

Submission Instructions

Submissions should be at most six U.S. letter pages long, in two-column format, using 10-point type on 12-point (single-spaced) leading within a 6.5” x 9” text block. Submit papers via the Web submission form on the LARGE '09 Call for Papers Web site, <http://www.usenix.org/large09/cfp>.

All papers will be available online to registered attendees prior to the workshop and will be available online to everyone starting on June 16, 2009.

If your accepted paper should not be published prior to the event, please notify production@usenix.org.

Participants may update their papers to incorporate workshop feedback.

Simultaneous submission of the same work to multiple venues, submission of previously published work, or plagiarism constitutes 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 submitted 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 chairs, large09chairs@usenix.org, or the USENIX office, submissionspolicy@usenix.org.

Papers accompanied by nondisclosure agreement forms will not be considered. Accepted submissions will be treated as confidential prior to publication on the USENIX LARGE '09 Web site; rejected submissions will be permanently treated as confidential.