

2007 USENIX Annual Technical Conference Refereed Papers Track

Sponsored by USENIX, The Advanced Computing Systems Association

<http://www.usenix.org/usenix07>

June 17–22, 2007

Santa Clara, California, USA

Important Dates

Submissions due: *Tuesday, January 9, 2007, 11:59 p.m.*
PST (hard deadline)

Notification to authors: *Monday, March 19, 2007*

Final papers due: *Tuesday, April 24, 2007*

Poster submissions due: *Monday, April 30, 2007*

Program Committee

Program Co-Chairs

Jeff Chase, *Duke University*

Srinivasan Seshan, *Carnegie Mellon University*

Program Committee

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Mazu Networks*

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Win Treese, *SiCortex, Inc.*

Andrew Warfield, *Cambridge University and XenSource*

Matt Welsh, *Harvard University*

Yuanyuan Zhou, *University of Illinois at Urbana-Champaign*

Poster Session Chair

Mike Swift, *University of Wisconsin, Madison*

Overview

Authors are invited to submit original and innovative papers to the Refereed Papers Track of the 2007 USENIX Annual Technical Conference. We seek high-quality submissions that further the knowledge and understanding of modern com-

puting systems, with an emphasis on practical implementations and experimental results. We encourage papers that break new ground or present insightful results based on experience with computer systems. The USENIX conference has a broad scope.

Specific topics of interest include but are not limited to:

- ◆ Architectural interaction
- ◆ Benchmarking
- ◆ Deployment experience
- ◆ Distributed and parallel systems
- ◆ Embedded systems
- ◆ Energy/power management
- ◆ File and storage systems
- ◆ Networking and network services
- ◆ Operating systems
- ◆ Reliability, availability, and scalability
- ◆ Security, privacy, and trust
- ◆ System and network management
- ◆ Usage studies and workload characterization
- ◆ Virtualization
- ◆ Web technology
- ◆ Wireless and mobile systems

Best Paper Awards

Cash prizes will be awarded to the best papers at the conference. Please see the USENIX Compendium of Best Papers (http://www.usenix.org/publications/library/proceedings/best_papers.html) for examples of Best Papers from previous years.

How to Submit

Authors are required to submit full papers by 11:59 p.m. PST, Tuesday, January 9, 2007. *This is a hard deadline; no extensions will be given.*

All submissions for USENIX '07 will be electronic, in PDF format, through the conference Web site. USENIX '07 will accept two types of papers:

- ◆ **Regular Full Papers:** Submitted papers must be no longer than 14 single-spaced pages, including figures, tables, and references, using 10 point font or larger. The first page of the paper should include the paper title and author name(s); reviewing is single-blind. Papers longer than 14 pages will not be reviewed.

- ◆ **Short Papers:** Authors may submit short papers that publicize early ideas, convey results that do not require a full-length paper, or advocate new positions. The same formatting guidelines apply, except that short papers are at most 6 pages long. Accepted short papers will be published in the Proceedings and included in the Poster Session, and time will be provided in Short Papers Sessions for brief presentations of these papers.

In addition, the program committee may accept some regular submissions as 6-page short papers if they judge that the submission is interesting but do not accept it as a full-length paper. Please indicate explicitly if you do not wish your regular paper to be considered for acceptance as a short paper.

Specific questions about submissions may be sent to usenix07chairs@usenix.org.

In a good paper, the authors will have:

- ◆ attacked a significant problem
- ◆ devised an interesting and practical solution
- ◆ clearly described what they have and have not implemented
- ◆ demonstrated the benefits of their solution
- ◆ articulated the advances beyond previous work
- ◆ drawn appropriate conclusions

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 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.

Note that the above does not preclude the submission of a regular full paper that overlaps with a previous short paper or workshop paper. However, any submission that derives from an earlier workshop paper must provide a significant new contribution, for example, by providing a more complete evaluation.

Authors uncertain whether their submission meets USENIX's guidelines should contact the program chairs, usenix07chairs@usenix.org, or the USENIX office, submissionspolicy@usenix.org.

Papers accompanied by nondisclosure agreements cannot be accepted. All submissions are held in the highest confidentiality prior to publication in the Proceedings, both as a matter of policy and in accord with the U.S. Copyright Act of 1976.

Authors will be notified of paper acceptance or rejection by Monday, March 19, 2007. Accepted papers may be shepherded by a program committee member. Final papers must

be no longer than 14 pages, formatted in 2 columns, using 10 point Times Roman type on 12 point leading, in a text block of 6.5" by 9".

Note regarding registration: One author per accepted paper will receive a registration discount of \$200. USENIX will offer a complimentary registration upon request.

Poster Session

The poster session, held in conjunction with a reception on Wednesday, June 20, will allow researchers to present recent and ongoing projects. The poster session is an excellent forum to discuss new ideas and get useful feedback from the community. The poster submissions should include a brief description of the research idea(s); the submission must not exceed 2 pages. Accepted posters will be put on the conference Web site; however, they will not be printed in the conference Proceedings. Send poster submissions to session chair Mike Swift at usenix07posters@usenix.org by Monday, April 30, 2007.

Birds-of-a-Feather Sessions (BoFs)

Birds-of-a-Feather sessions (BoFs) are informal gatherings organized by attendees interested in a particular topic. BoFs will be held in the evening. BoFs may be scheduled in advance by emailing bofs@usenix.org. BoFs may also be scheduled at the conference.

Invited Talks

These survey-style talks given by experts range over many interesting and timely topics. The Invited Talks track also may include panel presentations and selections from the best presentations at recent USENIX conferences.

The Invited Talks Committee welcomes suggestions for topics and request proposals for particular talks. In your proposal state the main focus, including a brief outline, and be sure to emphasize why your topic is of general interest to our community. Please submit proposals via email to usenix07it@usenix.org.

Training Program

USENIX's highly respected training program offers intensive, immediately applicable tutorials on topics essential to the use, development, and administration of advanced computing systems. Skilled instructors, hands-on experts in their topic areas, present both introductory and advanced tutorials.

To provide the best possible tutorial slate, USENIX continually solicits proposals for new tutorials. If you are interested in presenting a tutorial, contact Dan Klein, Training Program Coordinator, tutorials@usenix.org.

Program and Registration Information

Complete program and registration information will be available in March 2007 on the USENIX '07 Web site, both as HTML and as a printable PDF file. If you would like to receive the latest USENIX conference information, please join our mailing list at <http://www.usenix.org/about/ mailing.html>.