

2011 USENIX Annual Technical Conference

<http://www.usenix.org/atc11>

June 15–17, 2011

Portland, OR

Important Dates

Submissions due: *January 12, 2011, 11:59 p.m. EST*

Notification to authors: *March 17, 2011*

Final papers due: *April 27, 2011*

Conference Organizers

Program Chairs

Jason Nieh, *Columbia University*

Carl Waldspurger

Program Committee

Keith Adams, *Facebook*

Saman Amarasinghe, *Massachusetts Institute of Technology*

Muli Ben-Yehuda, *Technion and IBM Research*

George Candea, *EPFL*

Leendert van Doorn, *AMD*

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Dawson Engler, *Stanford University*

Úlfar Erlingsson, *Google*

Alexandra Fedorova, *Simon Fraser University*

Bryan Ford, *Yale University*

Dirk Grunwald, *University of Colorado at Boulder*

Ajay Gulati, *VMware*

Hermann Härtig, *Technische Universität Dresden*

Wilson Hsieh, *Google*

Angelos Keromytis, *Columbia University*

Eddie Kohler, *University of California, Los Angeles/Meraki*

Monica Lam, *Stanford University*

Ed Nightingale, *Microsoft Research*

Kai Shen, *University of Rochester*

Alex C. Snoeren, *University of California, San Diego*

Ravi Soundararajan, *VMware*

Michael Swift, *University of Wisconsin—Madison*

Andy Tucker, *NetApp*

Volkmar Uhlig, *Teza Group*

Richard West, *Boston University*

Alec Wolman, *Microsoft Research*

Junfeng Yang, *Columbia University*

Erez Zadok, *Stony Brook University*

Poster Session Chair

Ajay Gulati, *VMware*

Overview

Authors are invited to submit original and innovative papers to the Refereed Papers Track of the 2011 USENIX Annual Technical Conference. We seek high-quality submissions that further the knowledge and understanding of modern computing systems, with an emphasis on implementations and experimental results. We encourage papers that break new ground or present insightful results based on practical experience with computer systems. USENIX ATC has a broad scope, and specific topics of interest include but are not limited to:

- Architectural interaction
- Cloud computing

- Deployment experience
- Distributed and parallel systems
- Embedded systems
- Energy/power management
- File and storage systems
- Mobile, wireless, and sensor systems
- Networking and network services
- Operating systems
- Reliability, availability, and scalability
- Security, privacy, and trust
- System and network management and troubleshooting
- Usage studies and workload characterization
- Virtualization

Best Paper Awards

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

How to Submit

Authors are required to submit full papers by 11:59 p.m. PST, on Wednesday, January 12, 2011. *This is a hard deadline; no extensions will be given.*

All submissions for USENIX ATC '11 will be electronic, in PDF format, through the Web submission form on the USENIX ATC '11 Call for Papers Web site, <http://www.usenix.org/atc11/cfp>. USENIX ATC '11 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. Papers should be formatted in 2 columns, using 10 point type on 12 point leading, in a text block of 6.5" by 9". 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. In a good paper, the authors will have:
 - Addressed 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
- **Short Papers:** Authors with a contribution for which a full paper is not appropriate may submit short papers of at most 6 pages, applying the same formatting guidelines. Examples of short paper contributions include:
 - Original or unconventional ideas at a preliminary stage of development
 - The presentation of interesting results that do not

require a full-length paper, such as negative results or experimental validation

- Advocacy of a controversial position or fresh approach

Accepted short papers will be published in the Proceedings and time will be provided for brief presentations of these papers. Authors of short papers will also be encouraged to present posters and, if possible, a demo in the Poster Session.

For more details on the submission process, and for templates to use with LaTeX, Word, etc., authors should consult the detailed submission requirements at <http://www.usenix.org/events/atc11/cfp/requirements.html>. Specific questions about submissions may be sent to atc11chairs@usenix.org.

All papers will be available online to registered attendees before the conference. If your accepted paper should not be published prior to the event, please notify production@usenix.org. The papers will be available online to everyone beginning on the first day of the conference, June 15, 2011.

Papers accompanied by nondisclosure agreement forms will not be considered. Accepted submissions will be treated as confidential prior to publication on the USENIX ATC '11 Web site; rejected submissions will be permanently treated as confidential.

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 take action against authors who have committed them. See the USENIX Conference Submissions Policy at <http://www.usenix.org/submissionpolicy>. 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 sig-

nificant new contribution, for example, by providing a more complete evaluation, and must explicitly mention the contributions of the submission over the earlier paper. Questions? Contact your program chairs, atc11chairs@usenix.org, or the USENIX office, submissionspolicy@usenix.org.

Authors will be notified of paper acceptance or rejection by Thursday, March 17, 2011. Accepted papers may be shepherded by a program committee member.

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

Poster Session

The poster session 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.

Poster Submission Update!

All poster submissions must be submitted via the Web form on the USENIX ATC '11 Call for Papers Web site, <http://www.usenix.org/atc11/cfp>. If you have submitted a poster abstract already via email, please re-submit at the submission site. The poster submission deadline has been extended to Monday, May 30, 9:00 p.m. PDT. Notifications will be sent out by Monday, June 6. 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.

Program and Registration Information

Complete program and registration information will be available in March 2011 on the conference Web site. If you would like to receive the latest USENIX conference information, please join our mailing list: <http://www.usenix.org/about/ mailing.html>.