

2010 USENIX Annual Technical Conference

<http://www.usenix.org/atc10>

June 23–25, 2010

Boston, MA

Important Dates

Submissions due: *January 11, 2010, 11:59 p.m. PST*

Notification to authors: *March 19, 2010*

Final papers due: *May 4, 2010*

Conference Organizers

Program Chairs

Paul Barham, *Microsoft Research Cambridge*

Timothy Roscoe, *ETH Zürich*

Program Committee

Katerina Argyraki, *École Polytechnique Fédérale de Lausanne (EPFL)*

Andrew Baumann, *ETH Zürich*

Frank Bellosa, *University of Karlsruhe*

Ranjita Bhagwan, *Microsoft Research India*

Mic Bowman, *Intel Digital Enterprise Group*

Kevin Elphinstone, *University of New South Wales and NICTA*

Kevin Fall, *Intel Labs Berkeley*

Garth Gibson, *Carnegie Mellon University and Panasas*

Garth Goodson, *NetApp, Inc.*

Steven Hand, *University of Cambridge and Citrix Systems*

Hermann Härtig, *Technische Universität Dresden*

Galen Hunt, *Microsoft Research Redmond*

Michael Isard, *Microsoft Research Silicon Valley*

Jaeyeon Jung, *Intel Labs Seattle*

Orran Krieger, *VMware, Inc.*

Shan Lu, *University of Wisconsin—Madison*

Z. Morley Mao, *University of Michigan*

Dave Presotto, *Google, Inc.*

John Regehr, *University of Utah*

Prashant Shenoy, *University of Massachusetts Amherst*

Emin Gün Sirer, *Cornell University*

Michael Stumm, *University of Toronto*

Andrew Warfield, *University of British Columbia and Citrix Systems*

Nickolai Zeldovich, *Massachusetts Institute of Technology*

Xiaolan (Catherine) Zhang, *IBM T.J. Watson Research Center*

Overview

Authors are invited to submit original and innovative papers to the Refereed Papers Track of the 2010 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
- Virtualization
- 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

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, Monday, January 11, 2010. *This is a hard deadline; no extensions will be given.*

All submissions for USENIX ATC '10 will be electronic, in PDF format, through the Web submission form on the USENIX ATC '10 Call for Papers Web site, <http://www.usenix.org/atc10/cfp>.

USENIX ATC '10 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

Authors of accepted full papers will also be encouraged to present posters and, if possible, a demo in the Poster Session.

- **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/atc10/cfp/requirements.html>. Specific questions about submissions may be sent to atc10chairs@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 23, 2010.

Papers accompanied by nondisclosure agreement forms will not be considered. Accepted submissions will be treated as confidential prior to publication on the USENIX ATC '10 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 significant 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, atc10chairs@usenix.org, or the USENIX office, submissionspolicy@usenix.org.

Authors will be notified of paper acceptance or rejection by Friday, March 19, 2010. 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. 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. Send poster submissions to atc10posters@usenix.org.

Program and Registration Information

Complete program and registration information will be available in March 2010 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/mailling.html>.