



2014 Conference on Timely Results in Operating Systems (TRIOS '14)

Sponsored by USENIX, the Advanced Computing Systems Association

October 5, 2014, Broomfield, CO

TRIOS '14 will be co-located with the 11th USENIX Symposium on Operating Systems Design and Implementation (OSDI '14) and take place on Sunday, October 5, 2014.

Important Dates

Direct submissions due: May 15, 2014, 11:59:59 p.m. GMT

OSDI '14 transfer submissions due: July 21, 2014

Notification to authors: August 23, 2014

Final paper files due: September 18, 2014

Conference Organizers

Program Chair

Ken Birman, Cornell University

Program Committee

Lorenzo Alvisi, The University of Texas at Austin

Mahesh Balakrishnan, Microsoft Research

Landon Cox, Duke University

Michael Isard, Microsoft Research

Idit Keidar, Technion

Gilles Muller, Inria

Liuba Shrira, Brandeis University

Doug Terry, Microsoft Research

Robbert Van Renesse, Cornell University

Matt Welsh, Google Inc.

Overview

The 2014 Conference on Timely Results in Operating Systems (TRIOS '14) is the second iteration of an experimental conference that was first held in conjunction with SOSP 2013. TRIOS '14 will be held in association with the USENIX Symposium on Operating Systems Design and Implementation (OSDI '14). Like OSDI, TRIOS solicits papers presenting original research results on all aspects of computer systems software. The OSDI symposium has an outstanding reputation based, in part, on its low acceptance rate. Many good systems papers are deemed to be not ready for inclusion into OSDI, and in such cases, publication might be delayed by months or sometimes years. TRIOS was created as an outlet to make it possible for strong research contributions that need to be disseminated in a more timely way, and are not ready for acceptance into OSDI, to be published more promptly, thereby benefiting the authors and the operating systems community.

This conference has the following unique characteristics:

- The conference will be held immediately prior to OSDI '14, along with the OSDI '14 workshops.
- TRIOS submissions must deal with operating system issues (see the OSDI '14 Call for Papers at www.usenix.org/osdi14/cfp), present a novel and interesting result, use sound methodology, provide evidence of practicality, be readable, and fairly present related work. TRIOS considers full-length and short submissions; the length should be commensurate with the contribution.

- Many TRIOS submissions (perhaps all) will have been considered first by OSDI '14 and rejected. When OSDI '14 informs you of the rejection decision, it will recommend resubmission to TRIOS if, in the judgment of the OSDI '14 PC, there is a reasonable chance that TRIOS might accept it. The authors then make the final decision on whether or not they wish to submit to TRIOS.
- There is no hard limit on the number of accepted papers. Each paper must be presented by one of the authors; the TRIOS schedule will be designed to accommodate all of the accepted papers in a one-day event.
- Papers that are submitted to OSDI '14 and unsuccessful will, if desired by the authors, be considered for publication in TRIOS; these papers will not necessarily be re-reviewed (though in some cases additional reviews may be added by the TRIOS PC) but rather the TRIOS PC will select papers based primarily on the OSDI '14 reviews. Authors will have the opportunity to provide a rebuttal to their reviews.

All accepted papers will be published by USENIX. TRIOS is currently exploring a dual publication option under which TRIOS papers would also be indexed in the ACM Digital Library. Note that TRIOS papers are considered to be conference publications, and unless a venue explicitly permits republication, cannot be submitted later to other venues without substantial new material.

Submissions

The conference will accept two types of direct submissions: regular papers and short papers. Regular papers must meet the same formatting requirements as those submitted to the OSDI '14 symposium. That is, submitted regular papers must be no longer than 12 single-spaced 8.5" x 11" pages, including figures and tables, plus as many pages as needed for references, using 10-point type on 12-point (single-spaced) leading, two-column format, Times Roman or a similar font, within a text block 6.5" wide x 9" deep. Final papers may gain two pages, for a total of 14 pages. Submitted short papers have a 6-page limit.

Authors must make a good faith effort to anonymize their submissions, and they should not identify themselves or their affiliations either explicitly or by implication (such as through the references or acknowledgments). However, authors must cite their own related work, including previously published workshop papers on the same topic, and a paper will not be rejected if these citations have the unintended effect of de-anonymizing the submission. Authors must divulge their own papers with overlapping material even if those papers are still under review. TRIOS will not accept papers that have appeared elsewhere in substantially the same form, but will consider them if there is substantial new material. Contact TRIOS Program Chair Ken Birman at trios14chair@usenix.org with any questions about these policies.

Both regular and short submissions should present an original result. All submissions are expected to describe a novel technical contribution (a unique idea, new experimental result, validation of previous results, new way of explaining complex technologies, etc.), be based on sound methodology and reasoning, provide evidence that the results are of practical significance (though a full implementation is not required), explain the novelty in a clear enough manner for others to learn from it, and compare the results fairly to previous work. Unlike workshop papers, short submissions are not intended for preliminary results that will be extended for submission to a later conference. Rather, short papers are for completed results that do not require 13 pages of explanation. Papers of other lengths and formats that do not fit the “standard” mold for a conference paper may also be considered. Again, consult the program chair by email at trios14chair@usenix.org if you are uncertain about how to apply these rules to your work.

All TRIOS papers must be in PDF format and must be submitted through the Web submission form on the Call for Papers Web site, www.usenix.org/trios14/cfp

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 day of the conference, October 5, 2014.

Papers accompanied by nondisclosure agreement forms will not be considered. All submissions will be treated as confidential prior to publication on the USENIX TRIOS '14 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, on the recommendation of a program chair, take action against authors who have committed them. See the USENIX Conference Submissions Policy at www.usenix.org/conferences/submissions-policy for details.

Questions? Contact your program chair, trios14chair@usenix.org, or the USENIX office, submissionspolicy@usenix.org.

By submitting a paper, you agree that at least one of the authors will attend the conference to present it. If the conference registration fee will pose a hardship for the presenter of the accepted paper, please contact conference@usenix.org.

If your paper is accepted and you need an invitation letter to apply for a visa to attend the conference, please contact conference@usenix.org as soon as possible. (Visa applications can take at least 30 working days to process.) Please identify yourself as a presenter and include your mailing address in your email.

