14th Workshop on Hot Topics in Operating Systems (HotOS XIV)

Sponsored by USENIX, the Advanced Computing Systems Association, in cooperation with the IEEE Technical Committee on Operating Systems (TCOS)

www.usenix.org/hotos13

May 13–15, 2013
Santa Ana Pueblo, NM

Important Dates
Paper submissions due: *January 10, 2013, 3:59 p.m. PST*
Notification to authors: *March 20, 2013*
Final papers due: *April 10, 2013*

Conference Organizers

Program Chair
Petros Maniatis, *Intel Labs*

Program Committee
George Candea, *EPFL*
Peter Druschel, *Max Planck Institute for Software Systems (MPI-SWS)*
Alexandra Fedorova, *Simon Fraser University*
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Steering Committee
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Margo Seltzer, *Harvard School of Engineering and Applied Sciences and Oracle*
Matt Welsh, *Google*

Overview
The 14th Workshop on Hot Topics in Operating Systems will bring together practitioners and researchers in computing systems, broadly construed. Continuing the HotOS tradition, participants will present and discuss new ideas about computer systems research and how technological advances and new applications are shaping our computational infrastructure.

Computing systems are expanding beyond the traditional roles on the smartphone, desktop, and datacenter: they now encompass a broad swath of new technologies, ranging from body-implantable embedded devices to massive-scale stream processing systems spanning multiple continents. At the same time, the deluge of personal, corporate, sensitive, ephemeral, or historical information flowing over all technological facets of modern computing poses significant systems challenges. Systems for the next decade will have to keep such information private, authentic, continuously analyzed, durable, and available, and must do so not only better and faster, but also more reliably and while consuming less energy.

We solicit position papers that propose new directions of research, advocate innovative approaches, report on noteworthy actual experience in an emerging area, or generate lively discussion around an important topic. HotOS takes a broad view of systems, including operating systems, storage, networking, languages and language engineering, security, fault tolerance, and manageability.

We are also interested in systems contributions influenced by other fields such as hardware design, machine learning, control theory, networking, economics, social organization, and biological or other nontraditional computing systems.

To ensure a vigorous workshop environment, attendance is limited. Participants will be invited based on their submissions' originality, technical merit, topical relevance, and likelihood of leading to insightful technical discussions that will influence future systems research. Submissions may not be under concurrent consideration for any other venue. To promote discussion, the review process will heavily favor submissions that are forward-looking and open-ended, as opposed to those that summarize more mature work on the verge of conference publication. In general, at most two authors per accepted paper will be invited to the workshop.

Submitting a Paper
Position papers must be received by 3:59 p.m. PST on January 10, 2013. This is a hard deadline—no extensions will be granted.

Submissions must be no longer than 5 pages including figures and tables, plus as many pages as needed for references. Text should be formatted in two columns on 8.5-inch by 11-inch paper using 10-point fonts on 12-point (single-spaced) leading, 1-inch margins, and a 0.25-inch gutter (separation between the columns). The title, author names, affiliations, and an abstract should appear on the first page. Pages should be numbered. Figures and tables should not require magnification for viewing; they may contain color, but should be legible when printed or displayed in black and white. Submissions not meeting these criteria will be rejected without review, and no deadline extensions will be granted for reformatting.

Papers should be in PDF format and must be submitted via the Web submission form on the HotOS XIV Call for Papers Web site, www.usenix.org/hotos13/cfp.

All accepted papers will be available online to registered attendees before the workshop. If you prefer not to have your accepted paper 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 workshop, May 13, 2013.

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 www.usenix.org/conferences/submissions-policy for details. Questions? Contact your program chair, hotos13chair@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 HotOS XIV Web site; rejected submissions will be permanently treated as confidential.