Forward

Dear Colleagues,

Welcome to the Proceedings of the 24th ACM Symposium on Operating Systems Principles (SOSP 2013), held at the Nemacolin Woodlands Resort, Farmington, Pennsylvania, USA. This year's program includes 30 papers, and touches on a wide range of computer systems topics, from kernels to big data, from responsiveness to correctness, and from devices to data centers. The program committee made every effort to identify and include some of the most creative and thought-provoking ideas in computer systems today. Each accepted paper was shepherded by a program committee member to make sure the papers are as readable and complete as possible. We hope you will enjoy the program as much as we did in selecting it.

Perhaps the most exciting change this year is that for the first time in the history of SOSP, the entire conference proceedings are Open Access. SIGOPS has been at the forefront of the efforts within ACM to promote this new publication model; we hope that having Open Access proceedings will allow the symposium's research to reach and inspire the widest possible audience. All of the SOSP 2013 authors have also opted to take advantage of a new rights management option offered by ACM—to retain copyright and ownership of their papers. We are optimistic about these new developments and look forward to seeing how they evolve in the years to come. Special thanks to Jeanna Matthews, SIGOPS Chair; without her tireless efforts, none of these changes would have happened.

We are most grateful to the authors of the 157 papers who chose to submit their work to SOSP. Their ideas and efforts are the basis of the conference's success. Selecting the program out of so many quality submissions was a difficult task. A program committee consisting of 28 leading scholars in the broad area of computer systems conducted a three-stage reviewing process and online discussion; final selections were made during a physical meeting in Austin, TX, which was attended by a core of 12 PC members. Each submission received at least three PC reviews, with a maximum of eight. All in all, 759 reviews were produced. The PC made every effort to provide detailed and constructive feedback, which should help authors to further improve their work. Author anonymity was maintained throughout the reviewing and selection process; PC members were removed from the deliberations of any paper with which they had a conflict of interest (co-author, same institution, recent collaborator, former student/adviser).

Following the lead of SOSP 2009 and 2011, this year's conference offers a full slate of workshops on the Sunday before the main event. These workshops cover a range of topics related to operating systems: distributed systems (LADIS), programming languages (PLOS), dependability (HotDep), Power (HotPower), and future memory systems (INFLOW). Two additional forums cover topics of broad interest to our community. The Diversity workshop supports traditionally underrepresented students in systems research, and the TRIOS Conference is an experiment focused on the timely publication of research in our fast-moving field.

We are especially thankful this year for our generous corporate and governmental donors. These donors make it possible to host SOSP in an environment that is conducive to collegial interaction and, this year, they have provided funds for full or partial travel grants to over 130 students from a wide range of countries and institutions.

SOSP is a great conference mostly because it attracts so many high-quality submissions, and we would like to again thank all the authors who submitted. We also thank the PC members for the tremendous amount of work they did: reviewing the submissions, providing feedback, and shepherding the accepted submissions. We are grateful to the external reviewers who provided an additional perspective on a few papers. SOSP has always been organized by volunteer efforts from a host of people; we would like to thank all the

following people who have dedicated so much of their time to the conference: John MacCormick (treasurer), Babu Pillai (local arrangements), Garth Gibson and Michael Swift (sponsorships), Ramakrishna Kotla (publicity), Michael Freedman (workshops), Kimberly Keeton (scholarships), Haibo Chen and Li Zhuang (registration), Allen Clement and Bryan Ford (posters), Emin Gün Sirer (WIPs), Marcos K. Aguilera (BOFs), Wolfgang Richter (conference website), Joseph Trent (submissions website), and Joan Digney (printed materials editor). We would also like to thank Eddie Kohler for continuing to maintain and improve his HotCRP conference management system, far and away the best reviewing system we've seen.

We hope that you will find the program interesting and inspiring, and trust that the symposium will provide you with a valuable opportunity to network and share ideas with researchers and practitioners from institutions around the world.

Michael Kaminsky   Mike Dahlin
Intel Labs   Google and the University of Texas at Austin
General Chair   Program Chair