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Message from the
2012 USENIX Annual Technical Conference
Program Co-Chairs

Welcome to the 2012 USENIX Annual Technical Conference!

This year’s conference demonstrates that there is a huge amount of interest in USENIX ATC. We received 185 full-paper and 45 short-paper submissions, which is a further 30% increase over the submission record set at last year’s conference. Authors were from institutions in over a dozen countries spread over four continents: a truly international community.

From these submissions, the program committee selected 32 full papers and 9 short papers for the conference program. These papers cover the spectrum of systems work, with cloud computing a focus area. We have followed the ATC tradition of publishing both ground-breaking research and practically oriented tools and experience papers. We had hoped to get some papers on experimentally verifying prior results or designs, but that kind of paper is still outside the norm of systems conferences. Maybe next year!

We had a great program committee: a total of 27 members, 11 of whom are from industry and 16 from academic institutions. Program committee members were allowed to submit papers, which were held to a higher standard; the co-chairs were not associated with any submissions. We deeply appreciate the committee’s diligence in reviewing papers: 705 reviews in total, for an average of 26 reviews per PC member. We also asked 61 external reviewers to write an additional 69 reviews when it was necessary to get some outside expertise. The review process wound up being three rounds: if no paper had a champion after any round, it did not survive into the next round (although PC members were allowed to initiate discussion at the meeting on any paper). Each paper received two reviews in the first round, and could have received a third review in the second round, and a fourth and possibly fifth review in the third round. The committee met at the Google office in New York City on March 21, 2012, for an all-day meeting; three members had to videoconference into the meeting. After the meeting, every paper was shepherded. We would like to acknowledge the integrity of the authors of two papers that were withdrawn during the shepherding process because those authors could not reproduce their results.

Besides the paper authors and reviewers, who define the research community for USENIX ATC, there are a lot of other people and organizations that deserve mention. First, the USENIX staff has been wonderful to work with; without their support, our jobs would have been much harder. They made it possible for us to focus on getting the conference program defined. Second, Eddie Kohler’s HotCRP software was indispensable in running the PC. Third, we thank Google for hosting and helping to sponsor the meeting. Finally, we thank our corporate sponsors: Gold Sponsors Facebook and VMware; Silver Sponsors Google, EMC, and Microsoft Research; and Bronze Sponsor NetApp.

Thank you for participating in the USENIX ATC community, and enjoy the conference!

Gernot Heiser, NICTA and University of New South Wales
Wilson Hsieh, Google