Message from the Program Co-Chairs

Dear Colleagues,

We welcome you to the 8th USENIX Conference on File and Storage Technologies (FAST '10). This year we are proud to carry on the FAST tradition of presenting high-quality, innovative file and storage systems research. The program includes papers on emerging hot topics, with contributions to solid-state storage technology, power-efficient storage systems, and dealing with latent errors. It displays the breadth of storage systems research with sessions on parallel I/O and deduplication. It also contains significant contributions to the core of the field with sessions on storage management and file systems.

FAST continues to be a premier venue to bring together researchers and practitioners from the academic and industrial communities. This, too, is reflected in the program, which includes a balance of papers from universities, industrial labs, national labs, and collaborations thereof.

FAST '10 received 89 submissions, from which 21 papers were selected, for an acceptance rate of 24%. Each paper received at least three reviews from PC members. All but two papers received four or more reviews. The 371 total reviews consist of 295 PC reviews and 76 reviews from 58 external reviewers.

The review process was conducted online over two months and at a program committee meeting held in Palo Alto, CA, in early November 2009. We used Eddie Kohler's HotCRP software to handle paper submissions, reviews, PC discussion, and notifications. Initially, reviews for each paper were assigned to four PC members or to three PC members and an external reviewer. Then, controversial papers—those with both strong negative and positive reviews—were discussed online and additional reviews were obtained for many such papers. 20 of the 23 PC members attended the PC meeting, at which the program was selected, in person. In addition to technical merit, the discussion at the PC meeting focused on whether papers were new and exciting, of broad interest to the FAST community, and likely to generate controversy and discussion. These factors weighed heavily in paper selection.

It was an absolute pleasure to assemble this program, and we would like to thank everyone who contributed. First and foremost, we are indebted to all of the authors who submitted papers to FAST '10. We had a large body of high-quality work from which to select our program. We would also like to thank the attendees of FAST '10 and future readers of these papers. Together with the authors, you form the FAST community and make storage research vibrant and fun.

We would also like to recognize USENIX and the USENIX staff, who make all aspects of assembling a conference program easy. The USENIX staff dealt with innumerable issues large and small and provided outstanding technical and emotional support. They are pleasant and professional and largely responsible for the success of FAST this and every year. Thanks!

Finally, we would like to thank the Program Committee members for their countless hours and dedication. Serving on the FAST PC involves lots of reading, writing many lengthy reviews, participating in online discussion, and traveling. FAST and other USENIX systems conferences are distinguished by continuing to have in-person PC meetings. The discussion that happened at the PC meeting was invaluable in identifying the most exciting papers to include in the program.

We look forward to seeing you in San Jose!

Randal Burns, *Johns Hopkins University*
Kimberly Keeton, *Hewlett-Packard Labs*
Program Co-Chairs