Message from the Program Co-Chairs

Welcome to the 2010 USENIX Annual Technical Conference!

This year continues the USENIX Annual Tech tradition of papers and presentations reflecting some of the finest practical research work in computer systems today. The program committee has put together a highly selective program of 24 excellent papers—22 full papers and 2 short papers—from a total of 147 submissions. The topics cover a broad range, including many new and burgeoning areas of research such as energy reduction, information security, multicore systems, cloud computing, and solid-state mass storage. Furthermore, USENIX Annual Tech this year features an expanded selection of distinguished guest speakers, including Turing Award winner Ivan Sutherland, Bobby Johnson of Facebook, and Processing author Ben Fry.

We were privileged to be able to work with a great program committee of 27 members from a range of international industrial and academic research institutions. Every paper submitted to the conference received at least three reviews. Based on these, 94 papers were selected for a second round of reviewing in which each received at least one and, in most cases, two more full reviews. The majority of these reviews were written by the committee, who wrote an average of 22.5 reviews each for the conference, but we were also helped by the expertise of seven external reviewers. In total, 607 reviews were written. The committee then met in Redmond, Washington, on March 12, 2010, for an all-day discussion of the second-round papers which resulted in the final program. Each of the accepted papers was shepherded by a PC member.

Many people deserve credit and thanks for their hard work in helping to make the conference successful. Without the many authors who submitted high-quality and thought-provoking papers, USENIX Annual Tech as a venue, event, and community of researchers would not exist. The program committee and our external reviewers devoted much time and diligence to reviewing and shepherding, in some cases at short notice. We are also grateful to Microsoft for hosting the PC meeting in Redmond and to Eddie Kohler for the HotCRP conference management software, which continues to make the process of preparing a program dramatically smoother than in the past. Finally, the USENIX staff—Ellie Young, Jane-Ellen Long, Devon Shaw, Casey Henderson, and many others—have worked tirelessly behind the scenes to make the conference a success.

We would also like to thank our industry sponsors for their support in making the 2010 USENIX Annual Technical Conference possible and enjoyable. In particular we thank our Silver Sponsors EMC^2, Facebook, Microsoft Research, and VMware, and our Bronze Sponsors Google and NetApp, as well as our Industry Partner and our Media Sponsors.

We hope you enjoy the program and the conference!

Paul Barham, *Microsoft Research Cambridge*
Timothy Roscoe, *ETH Zürich*