Welcome to SBAC-PAD 2013, the Symposium on Computer Architecture and High Performance Computing. This year SBAC-PAD marks its 25th Anniversary. We are looking forward to making this event memorable, if only for the traditional quality of technical sessions and speakers. SBAC-PAD 2013 received 108 submissions, by authors from 26 different countries, including Brazil (36%), United States (18%), France (15%), Spain (7%), and Germany (4%). It was a difficult and sometimes heart wrenching process to select just 28 papers (26% acceptance rate) among all these excellent submissions. The Program Committee of SBAC-PAD 2013 was organized into four tracks: Algorithms and Applications (chaired by Manish Parashar), Architecture (chaired by Derek Chiou), Software (chaired by José Nelson Amaral) and Networks and Distributed Systems (chaired by Chita Das). We collected 276 reviews to support our selection process. All finalized submissions received at least 2 reviews, while 69% received 3 or more reviews. Authors of selected papers will be invited to submit extended versions of their work for possible publication in a special issue of the International Journal of Parallel Programming.

Many people contributed to the success of this instance of SBAC-PAD. First of all, we wish to thank all the PC members as well as the external reviewers for their work on selecting a remarkable set of technical papers. We also want to thank all those authors who worked hard to submit the best results of their research. We also acknowledge the efforts of all the people who contributed to make this year’s conference another success in the SBAC-PAD series: all the Steering Committee members, who gave us much guidance through the reviewing process, and the General Chairs Manoel Lima and Wagner Meira who, together with the Organizing Committee, did an outstanding job with all the hidden details, big and small, of the organization. We are immensely grateful to our sponsors: the Brazilian Computer Society (SBC), the IEEE Computer Society, through the Technical Committees on Computer Architecture (TCCA) and Scalable Computing (TCSC), and the International Federation for Information Processing (IFIP). Also, we want to thank our industrial sponsors who, through their support of SBAC-PAD, continued fostering a fruitful collaboration between academia and industry.

Jean-Luc Gaudiot, University of California at Irvine, USA  
Guido Araujo, University of Campinas, Brazil  
Program Chairs

José Nelson Amaral, University of Alberta, Canada  
Derek Chiou, University of Texas at Austin, USA  
Chita Das, Pennsylvania State University, USA  
Manish Parashar, Rutgers University, USA  
Program Track Chairs