

**Message from the Program Chairs**

We are pleased to introduce the collection of papers selected for MICRO-40. The wide spectrum of interests in our community is very much reflected in the topics of the selected papers: the program includes papers ranging from solutions to the challenges posed by new manufacturing technologies to hardware/software support for chip multiprocessors to new applications and their impact on architectures. The high quality submissions and these ever-widening topics are signs of continuing dynamism and liveliness of the MICRO community.

This year, we have received 166 submissions for the conference, out of which 35 were selected for the final program. The selection of the papers was difficult and was done through an extensive process, during which we have collected 884 reviews (an average of ~5.33 reviews/submission). For each paper, there were at least 3 reviews from the PC members, and 2 more reviews were requested from external reviewers, one of which was selected by the PC members and the other selected by us.

We have had an excellent turnout for the PC meeting. Despite the large number of international PC members, 32 out of 36 members were present during the PC meeting, which was held on August 4 in Chicago. We would like to thank all the PC members who have put great effort in providing the reviews and assigning and monitoring external reviews. We would also like to thank all the external reviewers for their help during the selection process.

We would like to thank many people who have helped us along the way. First, we would like to thank the authors for preparing high quality submissions to the conference. We would especially like to thank Karthikeyan Sankaralingam for selecting the conference software and making sure it had all the necessary features incorporated. We are grateful to Tom Conte, Scott Mahlke, Bill Mangione-Smith, Yale Patt, and Eric Rotenberg for their insightful advice on program chair activities. We would also like to thank the whole Organizing Committee, especially Silviu Chiricescu, Russ Joseph, and Phil May for putting together the conference, Timothy Sherwood for handling everything related to the workshops and tutorials, and Nikos Bellas for handling all publication issues.

Finally, we would like to thank the steering committee, especially its chair Rich Belgard, for their advice and guidance throughout the whole organization.

*Mikko Lipasti and Gokhan Memik*

*Program Chairs*