Message from the Program Chair

From a submissions perspective, MICRO is thriving. This year marked another record, with 248 total submissions, and increase of over 18% over the previous year. I am pleased to present to you a technical program consisting of 42 of these papers as selected by a Program Committee of 30 active researchers and experts in our field.

First some statistics about the papers that were submitted. We received submissions from 19 countries, with approximately 23% of submissions consisting of authors who do not typically submit to MICRO. Approximately 80% of the submissions were academia-only papers, about 5% had authors that had industry-only affiliations, 3% were research lab-only, and 12% were mixed.

The program committee had the challenge of selecting among the 248 submissions. Supporting the committee’s decision-making were the average 3.4 reviews per paper, with the program committee generating the bulk of the reviews: the program committee generated 579 reviews with 235 reviews solicited externally from experts in our field. The committee met on Saturday August 14th at the Hyatt Regency O’Hare (which happened to coincide with one of the largest annual gatherings of Beatles fans). During the day-long meeting, the committee deliberated upon nearly 90 papers that were sufficiently ready for consideration for the technical program. I am very grateful for their hard work!

Neal Crago, the MICRO-43 paper submissions and web chair, deserves a very special thanks. His role in running a relatively smooth submissions, review, and selection process cannot be over-emphasized. The Program Committee could not have considered so many papers so efficiently without his pre-planning assistance. I’d also like to thank the Steering Committee, Bob Colwell, Tom Conte, Kemal Ebcioglu, Paolo Faraboschi, Wen-mei Hwu, Scott Mahlke, Bill Mangione-Smith, Yale Patt, Eric Rotenberg, Guri Sohi, and Mateo Valero, and especially Rich Belgard, for their advice and guidance throughout the process. I am especially indebted to General Co-Chair Tom Conte for his veteran advice throughout the review process, and his help in handling review assignments for papers with which I had a conflict.

The Technical Program for MICRO-43 is the result of the effort of the Program Committee, the reviewers, and most significantly, those who submitted papers. It is their creativity, spirit, and rigor that ultimately breathe life into the MICRO Conference. I hope that I have done all of them justice by implementing a fair selection process that ultimately identified the best of their work.

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