

CASES 2006

Message from Program Co-Chairs

You may be surprised at the size of this year's proceedings, which is more than 50% larger than what you may have been used to from years past. Do not despair: we did not indiscriminately accept every paper submitted to the conference but rather decided to try something a little different this year. As a welcome sign of the booming interest in embedded systems, we received 100 paper submissions from both industry and academia in Asia, America, and Europe. The breadth of topics was truly large ranging from compilation techniques, memory systems, low power architectures, multithreading and multiprocessing, reconfigurable architectures to system modeling.

The 37 members of the technical program committee worked very hard, both during the review phase for about 6 weeks, in which each paper was reviewed by at least 4 reviewers, and during the program committee meeting in San Francisco, CA. The co-location of CASES with CODES-ISSS and EMSOFT gave us both a challenge and an opportunity to get attendees from these different conferences to gain exposure to each others' research. To enable this, the program chairs decided to hold two poster sessions where a large variety of topics can be presented succinctly during 10 minute talks, after which focused conversations with the authors can continue in front of posters. Not only does this allow us to address the extra-CASES audience better but also to provide a forum for papers that can best be conveyed with one-on-one conversations.

Overall the 41 best submissions were selected: 25 for full-length presentations and 16 for the poster sessions. The qualities of both classes of papers are equally high and are included in the proceedings as full length papers. We thank the program committee members and reviewers for their hard work at putting this program together. All did their best to make the conference more successful than ever. The technical program also includes one keynote speech by Liang-Gee Chen from National Taiwan University on architectures for video technology. In addition to that, the conference includes two more keynotes offered by the joint conferences CODES+ISSS and EMSOFT.

We are looking forward to a very successful and exciting conference, and we would like to thank all the people who helped organize it. Seengsoo Hong, Trevor Mudge, Krishna Palem and Wayne Wolf gave a lot of valuable comments on the program organization, including keynotes and tutorials. Ismet Bayraktaroglu put together the web site which made the paper submission and selection very convenient. Ben Schaefer and Yonghwan helped with the paper distribution and the preparation of the program committee meeting. Minsoo Ryu helped with the finance, and Lisa Tolles handled the process of organizing the proceedings for printing. Reinaldo Bergamaschi helped coordinating the facilities for the meetings in San Francisco and resolved many troublesome issues for us. Last but not least, Soonhoi Ha, Kiyong Choi, and Sang-Lyul Min helped us coordinate the joint issues of the three conferences: CASES, CODES+ISSS and EMSOFT. We thank them all for their hard work and dedication to making this conference successful.

Krisztian Flautner and Taewhan Kim

CASES'06 Program Co-Chairs