

**SIGMICRO FY'06 ANNUAL REPORT**  
**July 2005-June 2006**  
**Submitted by: Thomas M. Conte, SIGMICRO Chair**

The following are the highlights of SIGMICRO's activities during the fiscal year 2006.

**SIGMICRO CONFERENCE ACTIVITIES**

SIGMICRO has been expanding its conference portfolio with new high quality conferences. We have gone from 1 conference (MICRO) to 5 conferences in the recent years (MICRO, CASES, CGO, CF, SASP).

MICRO-38: SIGMICRO's flagship conference, the International Symposium on Microarchitecture (MICRO-38), was held from November 12-16, 2005 in Barcelona, Spain. (<http://www.microarch.org/micro38>). 147 papers were submitted out of which 29 were accepted. There were in excess of 250 total attendees. The general chairs were Paolo Faraboschi (Hewlett Packard) and Gabby Silberman (Computer Associates), and the PC chairs were Mateo Valero (UPC Barcelona), and Alex Viedenbaum (U. California, Irvine). The keynote speakers were Jim Kahle (IBM) and Norm Jouppi (Hewlett Packard). The conference included an excursion to the world famous Salvador Dali museum in Figueres, Spain followed by a reception at the Castello de Perelada vineyards.

CGO 2006: Code Generation and Optimization 2005 was held March 26-29, 2006 in New York City, New York (<http://www.cgo.org/cgo2006>). This conference is now well established and in its fourth year. The general chairs were Jong-Deok Choi (IBM) and David August (Princeton U.). I had the pleasure of serving as the program chair (Tom Conte, NC State Univ.) CGO received 80 submissions, consistent with prior years, and accepted 32 papers in all. Keynotes were by Wei Li of Intel and Kevin Stoodley of IBM. As a first, CGO was held immediately prior to the SIGPLAN PPOPP conference. As such, PPOPP and CGO shared a third keynote (on the last day of CGO and the first day of PPOPP) given by Guy Steele (Sun Microsystems).

CASES 2005: SIGMICRO again has co-sponsored, for the third time, the International Conference on Compilers, Architecture and Synthesis on Embedded Systems (CASES 2005, <http://www.casesconference.org>), which took place from September 24 to 27, 2005 San Francisco, CA. The general co-chairs Paolo Faraboschi (Hewlett Packard) and myself (Tom Conte, NC State Univ.). The program co-chairs were Walid Najjar (UC Irvine) and Bill Mangione-Smith (UCLA). The keynote speakers were Michael Wolfe (STMicroelectronics) and Markus Levy (EEMBC). 98 papers were submitted of which 32 were selected.

The international conference, Computing Frontiers (<http://www.computingfrontiers.org>), was held for the third successful year, in the picturesque island of Ischia, Italy, from May 2 to 5, 2005. CF brought together leading researchers from cutting edge areas. Computing Frontiers aims to achieve interdisciplinary innovation and synergism. This year's conference included a special session on dependability issues, as well as keynote speeches by Michael Gschwind (IBM T.J. Watson Research Center) and Jonathan Mills (Indiana University). The general chairs were Monica Alderighi (INAF-IASF) and Valentina Salapura (IBM). Program chair was Sally A. McKee (Cornell University)

**MAILINGS**

SIGMICRO sent an informative compact disk to all of its members containing the proceedings (and presentation slides) of the last several years of SIGMICRO-sponsored conferences. This valuable resource was assembled by Kemal Ebcioğlu (consultant) and Erik Altman (IBM), along with my help.

**LEADERSHIP**

Chair: Tom Conte (NCSU)

Vice-Chair: Erik Altman (IBM)

Secretary-Treasurer: David Kaeli (Northeastern U.)

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