CALL FOR PAPERS

MICRO-44

December 3–7th, 2011   Porto Alegre, Brazil

THE 44th ANNUAL IEEE/ACM INTERNATIONAL SYMPOSIUM ON MICROARCHITECTURE

Co-sponsored by IEEE-CS TC-uARCH and ACM SIGMICRO

The International Symposium on Microarchitecture (MICRO) is the premier forum for presenting, discussing, and debating new and innovative microarchitecture ideas and techniques for advanced computing and communication systems. The goals of this symposium are to bring together researchers in fields related to microarchitecture, compilers, and systems for technical exchange on traditional microarchitectural topics as well as emerging research areas. Historically, the MICRO community has enjoyed having close interaction between academic researchers and industrial designers; we aim to continue and emphasize this tradition at MICRO-44. Papers are solicited in fields including the following:

- ILP and TLP architectures and designs: superscalar, VLIW, multithreaded, multicore, manycore, etc.
- Compiler techniques for instruction-level, thread-level, and memory-level parallelism
- Architectures and compilers for embedded processors, DSPs, GPUs, ASIPs (network processors, multimedia, wireless, …)
- Dynamic optimization, emulation, and object code translation
- Advanced software/hardware speculation and prediction schemes
- Power, performance, and implementation efficient designs
- Microarchitecture support for reliability, dependability, and security
- Microarchitecture modeling and simulation methodology

THE DEADLINE FOR ABSTRACT SUBMISSIONS IS MAY 25th, 2011 at 11:59PM US Eastern Time. Full papers must be submitted by JUNE 1st, 2011 at 11:59PM US Eastern Time. Please submit one electronic copy of the paper in PDF format. Papers must be in single column format, and no more than 6000 words. Author rebuttals will be accepted between August 8th and 10th, 2010. Author notifications will be sent on September 2nd, 2011. For additional details and submission instructions, please consult the conference website:

http://www.microarch.org/micro44

This year’s MICRO will feature a separate session for best paper candidates (selected by the Program Committee). The best paper(s) will be selected by a separate committee during the conference, and the best paper award will be presented at the closing of the conference.
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Registration

Full conference registration (non-student) includes attendance in all sessions of the conference, conference proceedings, the conference banquet, excursion, coffee breaks and lunch.

Student registration includes attendance in all sessions of the conference, conference proceedings, coffee breaks and lunch.

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<th>Early registration until Oct 31st</th>
<th>Late registration after Oct 31st</th>
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Workshop/Tutorial Registration

Tutorial/workshop registration includes attendance in all the workshops and tutorial sessions you have selected as well as coffee breaks and lunch on Dec 4th.

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Extra-Page Charge

Authors of papers with more than 10 pages are required to pay an Extra-Page Charge for each additional page. It is to be paid with your conference registration. The Extra-Page Charge is $75.00 per page. Extra pages are limited to 2 per paper.

On-line Registration Site

www.regonline.com/micro44

You may cancel your registration until October 31st, with a $50 processing fee. No refunds will be provided for cancellations received after October 31st.