



HPCA-13 Call for Papers

13th International Symposium on High-Performance Computer Architecture

Hyatt Regency Phoenix - Phoenix, Arizona - February 10-14, 2007

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Call for Papers

<http://www.hpcaconf.org/hpca13>

The International Symposium on High-Performance Computer Architecture provides a high-quality forum for scientists and engineers to present their latest research findings in this rapidly-changing field. Authors are invited to submit papers on all aspects of high-performance computer architecture. Topics of interest include, but are not limited to:

- Processor architectures
- Cache and memory systems
- Parallel computer architectures
- Impact of technology on architecture
- Power-efficient architectures and techniques
- High-availability architectures
- High-performance I/O systems
- Embedded and reconfigurable architectures
- Interconnect and network interface architectures
- Network processor architectures
- Innovative hardware/software trade-offs
- Impact of compilers on architecture
- Performance evaluation of real machines
- Optical and other emerging technologies

Authors should submit an abstract before July 7, 2006, midnight EST. They should submit the full version of the paper before **July 14, 2006, midnight EST. No extensions will be granted.** The full version of the paper should be a PDF file that does not exceed 6,000 words according to the instructions in <http://www.hpcaconf.org/hpca13>. Papers that exceed the length limit or that cannot be viewed using Adobe Acrobat Reader (version 3.0 or higher) may not be reviewed. Please contact the program chair at tm@eecs.umich.edu for any submission issues. Submitted papers must not be under review in any other conference or journal. Papers should be submitted for **blind review, and** will be evaluated based on their novelty, fundamental insights, relevance, presentation and potential for long-term contribution. New-idea papers are encouraged. Please indicate whether the paper is a student paper for best student paper nominations. The student will be required to attend the conference and present the paper to receive the award.

Accepted papers will be published in the conference proceedings to be distributed to conference attendees. Papers will also be uploaded to IEEE Xplore

Important dates

- Abstract submission: **July 7, 2006, midnight EST (firm deadline)**
- Paper submission: **July 14, 2006, midnight EST (firm deadline)**
- Workshop & tutorial proposals due: **August 13, 2006, midnight EST**
- Notification of paper outcome: **September 25, 2006**

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