



Call For Papers

The 33rd Annual International Symposium on Computer Architecture

Boston, MA USA
June 17-21, 2006

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Conference website:

<http://www.ece.neu.edu/conf/isca2006>

Submissions:

<http://isca06.ac.upc.edu>

The 33rd ISCA Conference will be held from the 17th to the 21st of June 2006 in the **Boston Park Plaza Hotel**. For the past 32 years ISCA has been a premier forum to present and discuss innovative ideas and quantified experience in the area of computer architecture. Architecture today is quite different from what it has been in the past. Thus the 33rd ISCA will take a broad view on architecture, considering architectures for specific application areas as well as system architecture issues. While more conventional architecture papers will be considered, innovative architectures that address a specific application domain, or novel approaches to solve the problems of computing systems will be encouraged. Topics include but are not limited to:

- Processor architectures
- Memory hierarchy subsystems
- Multiprocessors and multicomputers
- Storage and interconnect subsystems
- Application-specific, reconfigurable, and embedded architectures
- Power-efficient architectures
- Dependable architectures
- Impact of technology on architecture
- Architectures for emerging technologies and applications
- Performance/power evaluation and measurement of real systems
- Compiler/architecture interaction
- Architecture support for virtual machines

Please submit one electronic copy of your paper (in PDF formatted for letter-size paper), not to exceed 6000 words, double-spaced and prepared for blind review, using the submission software provided at the conference web site (<http://www.ece.neu.edu/conf/isca2006/>). Note that these are strict deadlines, that no extensions will be granted, and that abstract submission is a mandatory step previous to full paper submission. Excessively long papers or papers that can not be viewed using Acrobat Reader will be reviewed at the discretion of the Program Chair and/or the reviewers.

As always, papers will be judged on their scientific merit and anticipated interest to conference attendees. It is understood that papers in new areas are likely to contain less quantitative evaluations and comparisons than those in more established areas. Papers will be evaluated according to their novelty, fundamental insights and potential for long-term contribution.

Abstract submission deadline: November 22, 2005

Full paper submission deadline: December 2, 2005

Author rebuttal window: January 30 – February 2, 2006

Author notification: March 2, 2006



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