



# Call For Papers

## The 32<sup>nd</sup> (10000<sub>two</sub>-th) Annual International Symposium on Computer Architecture

Madison, Wisconsin USA June 4-8, 2005

<http://www.cs.wisc.edu/~isca2005/>

General Chair: Gurindar Sohi, Univ. of Wisconsin, Madison  
Program Chair: Mark Hill, Univ. of Wisconsin, Madison  
Tutorials: T. N. Vijaykumar, Purdue Univ.  
Workshops: Mikko Lipasti, Univ. of Wisconsin, Madison  
Local Arrangements: David Wood, Univ. of Wisconsin, Madison  
Treasurer: Doug Burger, Univ. of Texas at Austin  
Registration: Amir Roth, Univ. of Pennsylvania  
Publicity: Craig Zilles, Univ. of Illinois  
Web: Min Xu, Univ of Wisconsin, Madison

Papers are solicited for the 32nd Annual International Symposium on Computer Architecture. Papers are being sought on all aspects of computer architecture, including (but 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
- Impact of application characteristics on architecture
- Architectures for emerging technologies and applications
- Performance/power evaluation and measurement of real systems

The DEADLINE for abstract submissions (300 - 600 words) is **NOVEMBER 11, 2004** at 5:59PM PST (USA). FULL PAPERS are due on **NOVEMBER 18, 2004** at 5:59PM PST (USA). **NO EXTENSIONS WILL BE GRANTED!** Please submit one electronic copy of your paper (in PDF formatted for letter-size paper), not to exceed 9000 words (e.g. 20 pages, ten-point font, double spacing), using the submission instructions provided at the conference web site. Excessively long papers or papers that can not be viewed using Adobe Acrobat Reader (version 4.0 or higher) will be reviewed at the discretion of the Program Chair and/or the reviewers. Please contact the Program Chair (*Mark Hill, markhill@cs.wisc.edu*) if you need any help with the electronic submission procedure. Authors will be given a short period of time to REBUT reviewer comments, tentatively **JANUARY 21-22, 2005**. 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. NOTIFICATION of acceptance/rejection will be given by **FEBRUARY 14, 2005**. FINAL VERSIONS of the accepted papers are due on **MARCH 25, 2005**.

As in previous years, a series of tutorials and workshops will be held immediately preceding the symposium. Tutorial and workshop proposals will be accepted until **NOVEMBER 24, 2004**. If you wish to organize a tutorial (1/2 or 1 day), e-mail a proposal to the Tutorials Chair (*T.N. Vijaykumar, vijay@ecn.purdue.edu*), including title, brief description of topics to be covered, and bio of the speakers. Similarly, if you wish to organize a workshop (1/2, 1 or 2 days), e-mail a proposal to Workshop Chair (*Mikko Lipasti, lipasti@enr.wisc.edu*), including title, brief description of topics to be covered, and bio of the organizers. Notification of tutorial and workshop decisions will be emailed back to proposers by **DECEMBER 17, 2004**.

For more information, see the ISCA 2005 web page: <http://www.cs.wisc.edu/~isca2005/>

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