

HPCA-16 Call for Papers



16th International Symposium on High-Performance Computer Architecture

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Bangalore, India, January 9-14, 2010

<http://www.hpcaconf.org/hpca16>
(collocated with PPOPP-2010)

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, cache and memory architectures
- Parallel computer architectures
- Multicore architectures
- Impact of technology on architecture
- Power-efficient architectures and techniques
- Dependable/Secure 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 and system software on architecture
- Performance modeling and evaluation
- Architectures for emerging technology and applications

Authors should submit an abstract by Friday, July 24, 2009, 11:59 PM EDT. They should submit the full version of the paper by **Friday, July 31, 2009, 11:59 PM EDT. No extensions will be granted.** The full version should be a PDF file that does not exceed 20 pages according to the instructions in <http://www.hpcaconf.org/hpca16>. Papers that exceed the length limit or that cannot be viewed using Adobe Acrobat Reader (version 3.0 or higher) may not be reviewed. Papers should be submitted for **blind review**. We anticipate making a *Best Paper* award; all papers will be evaluated based on their novelty, fundamental insights, and potential for long-term impact. New-idea papers are encouraged. Submission issues should be directed to the program chair at pbose@us.ibm.com. Workshop and tutorial submissions should be directed to the workshop and tutorial co-chairs at shubu.mukherjee@intel.com and Hrishikesh.Murukkathampoondi@amd.com. HPCA-16 will host an *Industrial Paper Session* presenting novel insights from industry (see Call for Industry Papers at <http://www.hpcaconf.org/hpca16> and direct submissions to: ravishankar.ayer@intel.com and mkg@us.ibm.com).

Important dates

- Abstract submission: **July 24, 2009, 11:59 PM EDT (firm deadline)**
- Paper submission: **July 31, 2009, 11:59 PM EDT (firm deadline)**
- Workshop and tutorial proposals due: **August 23, 2009**
- Notification of paper outcome: **October 10, 2009**

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