



# HPCA-14 Call for Papers

## 14<sup>th</sup> International Symposium on High-Performance Computer Architecture

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Marriott City Center, Salt Lake City, Feb. 16-20, 2008

<http://www.cs.utah.edu/hpca08/>

(collocated with PPOPP'08)

The International Symposium on High-Performance Computer Architecture is a premier 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
- Dependable architectures
- High-performance I/O systems
- Embedded and reconfigurable architectures
- Special purpose processors and accelerators
- Interconnect and network interface architectures
- Network processor architectures
- Innovative hardware/software trade-offs
- Impact of compilers and operating systems on architecture
- Performance modeling and evaluation

Authors should submit an abstract before Tuesday, August 7, 2007, 1pm EDT. They should submit the full version of the paper before **Tuesday, August 14, 2007, 1pm EDT. No extensions will be granted.** The full version should be a PDF file that does not exceed 6,000 words according to the instructions in <http://www.hpcaconf.org/hpca14>. 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**. Please contact the program chair at [hpca2008pcchair@ac.upc.edu](mailto:hpca2008pcchair@ac.upc.edu) for any submission issues.

HPCA will host an **Industrial Paper Session** presenting novel insights from industry. Its separate Call for Papers can be found at <http://www.hpcaconf.org>.

Papers will be evaluated based on their novelty, fundamental insights, and potential for long-term contribution. New-idea papers are encouraged.

### Important dates

- Abstract submission: **August 7, 2007, 1pm EDT (firm deadline)**
- Paper submission: **August 14, 2007, 1pm EDT (firm deadline)**
- Workshop and tutorial proposals due: **September 13, 2007**
- Notification of paper outcome: **October 27, 2007**

Sponsored by the IEEE Computer Society TC on Computer Architecture

