



## Call for Papers

International Conference on

**Parallel Architectures and Compilation Techniques**

**Braşov, România**

**PACT'07 September 15-19, 2007**

<http://www.pactconf.org>

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## Conference Objectives

The purpose of PACT is to bring together researchers from architecture, compilers, applications and languages to present and discuss innovative research of common interest. PACT solicits novel papers on a broad range of topics that include, but are not limited to:

- Parallel architectures and computational models
- Compilers and tools for parallel computer systems
- Multicore, multithreaded, superscalar, and VLIW architectures
- Compiler/hardware support for hiding memory latencies
- Support for correctness in hardware and software (esp. with concurrency)
- Reconfigurable computing
- Dynamic translation and optimization
- I/O issues in parallel computing and their relation to applications
- Parallel programming languages, algorithms and applications
- Middleware and run time system support for parallel computing
- High performance application specific systems
- Applications and experimental systems studies
- Non-traditional computing systems topics

## Information for Authors

Abstract submissions are due April 6, 2007 and paper submissions are due April 13, 2007. No extensions will be granted. Detailed instructions for electronic submission and other important dates will be posted on the PACT conference web site (<http://www.pactconf.org>). For additional information regarding paper submissions, please contact the Program Chair, Lawrence Rauchwerger ([rwerger@cs.tamu.edu](mailto:rwerger@cs.tamu.edu)).

## Tutorials / Workshops

Proposals are solicited for tutorials and workshops to be held immediately before the conference. Proposals for Tutorials and Workshops are due April 13, 2007. More information regarding proposal submission can be found on the PACT conference web site. Interested individuals are invited to contact the Workshops Chair, Guang Gao ([ggao@capsl.udel.edu](mailto:ggao@capsl.udel.edu)) and the Tutorials Chair, Avi Mendelson ([avi.mendelson@intel.com](mailto:avi.mendelson@intel.com)).

## Location Information

PACT '07 will take place in Romania, the newest member of the European Union. Romania is a mixture of 21<sup>st</sup> century technology, ancient culture, and unspoiled nature. It is easily reached by numerous daily non-stop flights from all European capitals. Brasov, our host city, is the largest of the seven Saxon cities of the Transylvania province. Nearby attractions include Dracula's Castle, the royal summer palace, the capital city of Bucharest, and Sibiu, the 2007 European Capital of Culture.

## PACT 2007 is Dedicated to the Memory of Irina Athanasiu

Irina was a computer science professor at the Politehnica University, Bucharest. She taught, mentored and advised generations of Romanian computer scientists who have achieved prominent positions in academia and industry throughout the world. She dedicated her life to her students and our profession.