



The Twentieth International Conference on
Parallel Architectures and Compilation Techniques

PACT'11 Galveston, Texas
October 10 - 14, 2011

Call for Papers

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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 **March 18, 2011** and paper submissions are due March 25, 2011. 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, Vivek Sarkar.

Tutorials / Workshops

Proposals are solicited for tutorials and workshops to be held immediately before and after the conference. Proposals for Tutorials and Workshops are due **April 8, 2011**. Please contact the Workshops Chair or the Tutorials Chair with questions.

ACM Student Research Competition

PACT 2011 calls for participation in the ACM Student Research Competition (SRC). All eligible participants are entitled to an up to \$500 travel grant. Winners will receive monetary prizes and others. The submission deadline is July 8, 2011. Please see the PACT web site for details.

Location Information

PACT '11 will take place at the Hotel Galvez in Galveston, Texas. The historic Hotel Galvez & Spa is a Wyndham Grand Hotel located on the Gulf of Mexico on Galveston Island.

