PACT'03

12th International Conference on Parallel Architectures and Compilation Techniques

September 27 – October 1, 2003

Chateau Sonesta Hotel, New Orleans, LA

IEEE COMPUTER SOCIETY

TCCA TCPP

http://www.pactconf.org

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Call for Papers

PACT-03 will be held in New Orleans, LA, a major cultural center of the southern United States. The city offers such attractions as Mardi Gras, the French Quarter, Bourbon St., the Mississippi River and is the home of dixieland jazz.

PACT is a multi-disciplinary conference that brings together researchers from the hardware and software areas to present ground-breaking research related to parallel systems ranging across instruction-level parallelism, thread-level parallelism, multiprocessor parallelism and distributed systems.

PACT solicits papers on advances in architecture, compilers, languages and applications across a broad range of topics, including, but not limited to:

- Hardware/software optimizations for memory hierarchies
- Programming languages for parallel scientific and object-oriented applications
- Superscalar, VLIW, and multithreading architectures
- I/O, network processing and O/S issues for parallel computing
- Parallel aspects of power-aware and mobile/wireless computing
- Reconfigurable computing and novel parallel architectures
- Just-in-time/dynamic compilation for parallelism
- Parallel algorithms, computation models and simulation techniques
- Parallel software development tools supporting performance analysis/tuning and debugging

Selected papers will be invited for publication in the Journal of Instruction Level Parallelism.

See http://www.pactconf.org for further details.

Important Deadlines

Abstract (100 words max) Submission:	April 4, 2003
Full Paper Submission:	April 11, 2003
(*Note: no extensions will be granted*)	
Author Notification:	June 20, 2003
Final Papers Due:	July 18, 2003