PACT 2002
The Eleventh International Conference on Parallel Architectures and Compilation Techniques

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Charlottesville, Virginia, September 22-25, 2002
`http://www.pactconf.org/`

Call for Papers

Conference Objectives

PACT brings together researchers from architecture, compilers, languages and applications to present ground-breaking research and debate key issues of common interest. This premier conference, the eleventh in the series, will be held in historic Charlottesville, Virginia, home of the University of Virginia, which was founded by Thomas Jefferson as one of the first public universities in the United States. Charlottesville is nestled next to the beautiful Shenandoah mountains, with the homes of three presidents (Jefferson, Madison, and Monroe), Civil War sites, and many fine wineries nearby. Once again, the focus of the conference will be on multi-disciplinary research. PACT solicits novel papers on a broad range of topics, including, but not limited to:

- Parallel architectures and computation models
- Compilers and tools for parallel computer systems
- I/O issues in parallel computing
- Parallel processing in the context of Java
- Compiler/hardware support for efficient memory systems
- New architectures and compilers for ILP and TLP
- Hardware/software support for energy-aware computing
- Novel uses for threads to improve performance or power
- Applications and experimental systems studies
- Application-specific systems
- Software dynamic translation and modification
- Technologies for managing power and heat
- Network processing and computing
- Non-traditional computing system topics
- Parallel programming languages and algorithms
- Operating system support for parallel systems
- Mobile/wireless computing for parallel applications

Information for Authors

Detailed instructions for electronic submission and important dates will be posted on the PACT conference website. For any additional information regarding paper submission, please contact the Program Chairs, Erik Altman (erik@watson.ibm.com) or Sally McKee (sam@cs.utah.edu). The paper submission deadline is **April 2, 2002** (11:59pm Eastern Standard Time) with mandatory abstracts due **March 26, 2002** (same time).

Tutorials / Workshops

Proposals are solicited for tutorials and workshops to be held during the conference. Interested individuals are invited to submit proposals to the Workshop/Tutorial Chairs, Chen Ding (cding@cs.rochester.edu) and E. Christopher Lewis (lewis@cis.upenn.edu).

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