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Call for Papers

<http://www.ac.upc.es/pact01>

Conference Objectives

The purpose of PACT is to bring together researchers from the architecture and compiler communities to present ground-breaking research and debate key issues of common interest. This conference, the tenth in the series, will be held in lovely Barcelona, Spain. The city represents a unique combination of beauty, culture, history, and advanced technology, and fosters an ideal environment for an enjoyable and stimulating exchange of ideas. Once again, the focus of the meeting will be on multi-disciplinary research. We solicit novel papers in a broad range of topics, including (but not limited to):

- Parallel architectures and computation models
- Compilers for parallel computer systems
- Parallel processing in the context of JAVA
- Compiler/hardware support for hiding memory latencies
- Advances in architectures and compilers for ILP and TLP
- Applications and experimental systems studies
- Reconfigurable and application-specific architectures
- Technologies for reducing power consumption
- Network processing and computing
- Non-traditional computing systems topics
- Parallel programming languages and algorithms

Information for Authors

Detailed instructions for electronic submission procedures and important dates are posted on the PACT-2001 conference web site. For any additional information regarding paper submission, please contact the Program Chairs Todd Mowry (tcm@cs.cmu.edu) or John Shen (john.shen@intel.com). Paper submission deadline is **March 5, 2001** (12:00 midnight EST). There is an automatic one week (168 hours) extension with no further extension beyond that.

Tutorials / Workshops

Proposals are solicited for tutorials and workshops to be held during the conference. Interested individuals are invited to submit proposals to tutorials chair, Mikko Lipasti (mikko@engr.wisc.edu) or workshops chairs, Evelyn Duesterwald (duester@hpl.hp.com) and Gabby Silberman (gabbys@us.ibm.com). Additional details about submission procedures and important dates are posted on the PACT-2001 conference web site.

About Barcelona

Barcelona, the capital of Catalunya, is a city rich in history, architecture and charm. From the old-world allure of the gothic quarter to the more modern, abstract appeal of the works of Gaudi, Barcelona captivates its visitors with a diversity of interesting places to visit, charming people to meet, and peaceful places to relax. Architecturally, Barcelona is the maximum exponent of "Modernisme" through the figure of Gaudi and his splendid buildings. If art and history fascinate you, the Miro and Picasso museums are a must. In the vicinity of Barcelona, you can wander through the fascinating museum on Dali and his work in Figueres, hike in the "Montserrat" and Pyrenees mountains with the chance to enjoy nature and the outdoors, or simply enjoy the weather relaxing in the beautiful Mediterranean beaches. Finally, the catalan cuisine is one of the most select and varied in the Mediterranean area.

