



## PACT'04 Organizing Committee

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### Program Chairs

Mateo Valero, UPC, Spain  
Josep-L. Larriba-Pey, UPC, Spain

### Program Committee

To be posted at the conference web site at  
<http://www.pactconf.org>

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## International Conference on Parallel Architectures and Compilation Techniques

Antibes Juan-les-Pins, France  
September, 29 to October, 03 2004

## Initial Call for Papers

<http://www.pact.org/pact04>

### 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
- Superscalar, VLIW and multithreaded architectures
- Compiler/hardware support for hiding memory latencies
- Hardware and software support for energy/heat-aware computing
- Hardware and software for network processing
- Reconfigurable computing
- Dynamic translation and optimization
- I/O issues in parallel computing and their relation to applications
- Parallel programming languages, algorithms and applications
- Run time system support for parallel systems
- Mobile/wireless computing for parallel applications
- Application specific systems
- Applications and experimental systems studies
- Parallel processing in the context of Java
- Non-traditional computing systems topics

### Information for Authors

Detailed instructions for electronic submission and important dates will be posted on the PACT conference web site, <http://www.pactconf.org/> For any additional information regarding paper submission, please contact the Program Chairs, Mateo Valero ([mateo@ac.upc.es](mailto:mateo@ac.upc.es)) or Josep L. Larriba-Pey ([lari@ac.upc.es](mailto:lari@ac.upc.es)). The paper submission deadline will be March 21st 2004.

### 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/Tutorials chairs, (to be posted at the conference web site).

## About Antibes Juan-les-Pins

Located between Nice and Cannes, 13 kilometers away from the Nice Côte d'Azur international airport, Antibes Juan-les-Pins ranks as the second largest town in the Côte d'Azur region (after Nice and just ahead of Cannes). The town has one of the prettiest coastal landscapes in France, which spreads on about 25 kilometers. The Sophia-Antipolis technological park is located at the North East of the city.

The history of the city is best chronicled by events over the past centuries in France and in Europe, which have affected the evolution of this city. The settlement, first named Antipolis, was an essential commercial port for ancient Greek vessels. Under Roman invasion, the city became known as Antiboul, and developed into an important commercial center and harbor for ships in the Mediterranean basin.

The Picasso museum was founded on the ancient acropolis of the Greek town Antipolis, a Roman castrum, residence of the bishops in the Middle Ages and inhabited until 1608 by the Grimaldi family who have gave their name to the chateau . In 1928, the chateau was bought by the town of Antibes Juan-les-Pins and was transformed into a Museum of Art, History and Archeology.

Doyen of European jazz festivals, the Antibes Juan-les-Pins international festival "Jazz in Juan" has always been a veritable mixing pot of all styles. Each year, virtuosos come from all four corners of the world to write yet another page in the history of this great jazz adventure in Europe.