



**PDP 2009**

**17th Euromicro International Conference on  
Parallel, Distributed, and Network-Based Processing**

18–20 February 2009 in Weimar, Germany

# Call for Participation

Parallel, Distributed, and Network-Based Processing has undergone impressive change over recent years. New architectures and applications have rapidly become the central focus of the discipline. These changes are often a result of cross-fertilisation of parallel and distributed technologies with other rapidly evolving technologies such as telecommunications and multimedia. It is of paramount importance to review and assess these new developments in comparison with recent research achievements in the well-established areas of parallel and distributed computing, from industry and the scientific community.

The Seventeenth Euromicro International Conference aims to provide a forum for the presentation of these and other issues through original research presentations and to facilitate the exchange of knowledge and new ideas at the highest technical level. Topics of interest include, but are not restricted to:

- **Distributed Systems:** distributed databases, distributed object-oriented systems, distributed operating systems, heterogeneous distributed systems, distributed algorithms, distributed shared memory systems
- **Network-based Computing:** Web computing, cluster computing, computational grids, data grids, semantic grid, mobile agents, distributed web services, security in distributed systems
- **Parallel Computer Systems:** massively parallel machines, interconnection networks, embedded parallel and distributed systems, fault-tolerance, memory organisation, support for parallel I/O
- **Models and Tools for Parallel Programming Environments:** performance prediction and analysis, simulation, knowledge-based parallel program development, visualisation tools
- **Advanced Applications:** multi-disciplinary applications, parallel databases, computations over irregular domains, numerical applications with multi-level parallelism, real time distributed applications, distributed business applications
- **Languages, Compilers and Runtime Support Systems:** task and data parallel languages, functional and logic languages, object-oriented languages, dependability issues, scheduling and load balancing, task and object migration

Furthermore, special sessions will address upcoming novel topics.

## Submission of papers

Authors should submit a full paper not exceeding 5000 words in length and including a 150-200 word abstract. To facilitate an anonymous reviewing process, the first page of the paper should contain only the title and abstract.

Proceedings will be published by IEEE Computer Society. Authors of accepted papers are expected to register and present their papers at the Conference.

## Venue

PDP 2009 will take place at the Bauhaus-University Weimar, Germany, in the heart of Europe. We invite you to submit your papers and to join the conference at the Bauhaus-University, where the Bauhaus school was founded in 1919, in the historical city of Weimar, cultural capital of Europe in 1999.

## Organisers



Euromicro



Bauhaus-Universität Weimar  
CSCW Group

## Important Dates

- 01 Aug. 2008: Closing date for submissions  
15 Oct. 2008: Notification  
23 Nov. 2008: Camera-ready versions  
18-20 Feb. 2009: Conference

## Submission

Details for submission of papers are available at <http://www.pdp2009.org>

## Program Co-Chairs

Didier El Baz,  
LAAS-CNRS  
Tom Gross,  
Bauhaus-University Weimar  
Francois Spies,  
University of Franche-Comte

## Organising Chair

Tom Gross

## Local Organisation

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