

16th International European Conference on Parallel and Distributed Computing

Euro-Par 2010

Hotel Continental Terme, Ischia, Italy

August 31th - September 3rd, 2010

<http://www.europar2010.it>
info@europar2010.it

SUBMISSION DEADLINES:

Abstracts: January 31th, 2010

Full papers: February 7th, 2010

Euro-Par is an annual series of international conferences dedicated to the promotion and advancement of all aspects of parallel and distributed computing. Euro-Par focuses on all aspects of hardware, software, algorithms and applications in this field. The objective of Euro-Par is to provide a forum for the promotion of parallel and distributed computing both as an industrial technique and an academic discipline, extending the frontier of both the state of the art and the state of the practice.

The following topics will be covered by regular Euro-Par 2010 sessions:

1. Support tools and environments
2. Performance prediction and evaluation
3. Scheduling and load balancing
4. High performance architectures and compilers
5. Parallel and distributed data management
6. Grid, cluster, and cloud computing
7. Peer to peer computing
8. Distributed systems and algorithms
9. Parallel and distributed programming
10. Parallel numerical algorithms
11. Multicore and manycore programming
12. Theory and algorithms for parallel computation
13. High performance networks
14. Mobile and ubiquitous computing

Full details on the topics, including topic descriptions and chairs, are available on the Euro-Par 2010 website (www.europar2010.it).

Co-located workshops are also planned.

**** PAPER SUBMISSION GUIDELINES ****

Full papers should not exceed 12 pages in the Springer LNCS style. Paper submission has to be performed electronically via the conference website in PDF format. Papers accepted for publication must also be supplied in source form (LaTeX or Word).

Papers must offer original contributions regarding the theory and practice of parallel and distributed computing. Only contributions not submitted elsewhere for publication will be considered.

Authors must submit their papers to the specific topic they judge most appropriate. Details on the topics, including descriptions and chairs, are available on the conference website.

All accepted papers will be included in the conference proceedings, published by Springer in the LNCS series. Authors of accepted papers will be requested to sign a Springer copyright form.

**** IMPORTANT DATES ****

Deadline for abstracts: January 31th, 2010

Deadline for full papers: February 7th, 2010

Decision notification: May 7th, 2010

Camera-ready full papers: June 1st, 2010

**** CALL FOR ADDITIONAL CONFERENCE WORKSHOPS ****

Euro-Par 2010 will feature a series of satellite workshops on August 30th-31th.

Proposals for workshops, covering a specific theme and lasting between half a day and a full day, are encouraged and solicited until March 1st, 2010. Workshop proceedings are published in a separate LNCS Euro-Par 2009 workshop volume after the conference. The principal coordinator of each workshop will appear as editor of the workshop volume.

Please contact the Conference Chairs (europar2010-chairs@europar2010.it) for additional details and proposals.

**** VENUE ****

The Euro-Par 2010 conference is organized by the Institute for High-Performance Computing and Networking (ICAR) of the Italian National Research Council (CNR). The Conference will take place at the Congress Center of the Hotel Continental Terme, in Ischia.

Ischia, also known as the "Green Island", is the largest island in the Gulf of Naples, to which it is connected with regular hydrofoils and ferries.

**** CONFERENCE CO-CHAIRS ****

Domenico Talia, University of Calabria & ICAR-CNR
Pasqua D'Ambra, ICAR-CNR
Mario Rosario Guarracino, ICAR-CNR