

**38th International Conference on
Parallel Processing (ICPP-2009)**

<http://www.cse.ohio-state.edu/~icpp2009>

**Vienna, Austria
September 22-25, 2009**

Co-Sponsored by

The International Association for Computers and Communications (IACC)
The Austrian Computer Society

In cooperation with

The Vienna University of Technology, Austria
The Ohio State University, USA

Scope

The International Conference on Parallel Processing provides a forum for engineers and scientists in academia, industry and government to present their latest research findings in aspects of distributed and parallel computing.

Topics of interest include, but are not limited to:

- *Architecture*: from multi-core to supercomputers
- *Cluster/Grid/Cloud Computing*: from parallel to globally distributed systems
- *Programming Models, Languages, and Compilers*: from high-level abstractions to efficient code
- *Resource Management and Scheduling*: from local to global environments
- *Algorithms and Applications*: from emerging to future
- *Wireless/Sensor Networks and Pervasive Computing*: from fixed location to everywhere
- *Performance Evaluation and Simulation*: from simple to complex systems
- *Information Retrieval and Knowledge Discovery*: from bits to impact
- *Peer-to-Peer and Service-Oriented Architectures*: from virtual to adaptive
- *Data Center and Data Management*: from efficiency to green computing

Paper Submission

Paper submissions should be formatted according to the IEEE standard double-column format with a font size 10 pt or larger. Each paper is limited to 8 pages in length. Submissions should represent original, substantive research results. We will *not* accept any paper which, at the time of submission, is under review or accepted for publication or has already been published in another conference or journal venue. See the conference website for instructions on electronic paper submission.

Conference Timeline

Paper Submission Deadline	February 20, 2009
Author Notification	May 19, 2009
Final Manuscript Due	June 28, 2009

Workshops with more narrowly focused scope will be held on September 22.

Workshop proposals should be submitted to the Workshops Co-Chairs, Leonard Barolli (barolli@fit.ac.jp) and Wu-chun Feng (feng@cs.vt.edu), by **November 1, 2008**.

Proceedings of the conference and workshops will be published by the IEEE Computer Society in CD format only and will be available at the conference.

For Further Information please contact:

Prof. Sigi Benkner, Univ. of Vienna, sigi@par.univie.ac.at
Prof. David Du, Univ. of Minnesota /NSF, du@cs.umn.edu

Organizing & Program Committees

General Co-Chairs

A Min Tjoa, Vienna Univ. of Tech., Austria
Makoto Takizawa, Seikei Univ., Japan

Program Co-Chairs

Sigi Benkner, Univ. of Vienna, Austria
David Du, Univ. of Minnesota/NSF, USA

Program Vice-Chairs

Architecture

Alex Ramirez, Barcelona SC Center, Spain

Cluster/Grid/Cloud Computing

James French, Univ. of Virginia/NSF, USA

Programming Models, Languages and Compilers

Vivek Sarkar, Rice Univ., USA

Resource Management and Scheduling

Raj Buyya, Melbourne U./Manjrasoft, Australia

Algorithms and Applications

Almadena Chtchelkanova, NSF, USA

Wireless/Sensor Networks and Pervasive Computing

Xiuzhen Cheng, The George Washington Univ., USA

Performance Evaluation and Simulation

Felix Wolf, Jülich SC Centre, Germany

Information Retrieval and Knowledge Discovery

Alok Choudhary, Northwestern Univ., USA

Peer-to-Peer and Service-Oriented Architectures

Kwei-Jay Lin, Univ. of California, Irvine, USA

Data Center and Data Management

Krishna Kant, Intel/NSF, USA

Program Committee Members

(Please see the conference web page.)

Workshops Co-Chairs

Leonard Barolli, Fukuoka Inst. of Tech., Japan
Wu-chun Feng, Virginia Tech, USA

Awards Co-Chairs

Yuanyuan Yang, Stony Brook Univ., USA
Haruhisa Ichikawa, Univ. of Electro-Comm., Japan

Publication Chair

Wang-Chien Lee, Penn State Univ., USA

Publicity Co-Chairs

Feng Qin, The Ohio State Univ., USA
Abdelkader Hameurlain, IRIT, Paul Sabatier Univ., France

International Liaison Co-Chairs

Wu-chi Feng, Portland State Univ., USA
Akihiko Yamada, Cyber Univ., Japan

Steering Committee Chair

Mike Liu, The Ohio State Univ., USA