

ICA3PP 2008

JUNE 9-11, 2008
AGIA NAPA, CYPRUS

8TH INTERNATIONAL CONFERENCE ON ALGORITHMS AND ARCHITECTURES FOR PARALLEL PROCESSING

Committee Organization

General Chairs:

Hai Jin
Huazhong University of Science & Technology China
George A. Papadopoulos
University of Cyprus, Cyprus

Steering Committee Chairs:

Andrzej Goscinski
Deakin University, Australia
Yi Pan
Georgia State University, USA
Wanlei Zhou
Deakin University, Australia

Program Committee Chairs:

Anu G. Bourgeois
Georgia State University, USA
S. Q. Zheng
University of Texas at Dallas, USA

Program Committee:

Jemal Abbawajy, Selim Akl, Joseph Arul, Mark Baker, Amnon Barak, Maarten Boasson, Arndt Bode, Xiaojun Cao, Jiannong Cao, Peter Cappello, Jianer Chen, Yingying Chen, Francis Chin, Jose Cunha, Erik D'Hollander, Eliezer Dekel, Marios Dikaiakos, Jack Dongarra, Robin Doss, José A. Fernández-Zepeda, Len Freeman, Chryssis Georgiou, Teofilo Gonzalez, Ashwin Gumaste, Ken Hawick, Michael Hobbs, Bo Hong, Susumu Horiguchi, Shi-Jinn Horng, Ching-Hsien Hsu, Ali Hurson, Weijia Jia, Hong Jiang, Krishna Kavi, Zvi Kedem, Wayne Kelly, Tohru Kikuno, Jacek Kitowski, Michael Langston, Laurent Lefevre, Keqin Li, Kuan-Ching Li, Cho-Chin Lin, Thanasis Loukopoulos, Praveen Madiraju, Christine Morin, Koji Nakano, Michael Palis, Marcin Paprzycki, Weizhong Qiang, Rajeev Raje, Michel Raynal, Barry Rountree, Srinivas Sampalli, Yiannakis Sazeides, Edwin Sha, Jackie Silcock, Chengzheng Sun, Rajshekhar Sunderaman, Yong-Meng Teo, Gabor Terstyanszki, Jerry Trahan, Ramachandran Vaidyanathan, Vassos Vassiliou, Jianping Wang, Greg Wickham, Jie Wu, Yue Wu, Roman Wyrzykowski, Dong Xiang, Chengzhong Xu, Chao-Tung Yang, Laurence T. Yang, Albert Zomaya, Jun Zou

CALL FOR PAPERS

<http://www.cs.ucy.ac.cy/ica3pp08/>

Conference Information

Following the traditions of the previous successful ICA3PP conferences held in Hangzhou, Brisbane, Singapore, Melbourne, Hong Kong and Beijing, the objective of ICA3PP 2008 is to bring together researchers and practitioners from academia, industry and governments to advance the theories and technologies in parallel and distributed computing. ICA3PP 2008 will be held on the island of Cyprus, with a focus on two broad areas of parallel and distributed computing, i.e., architectures, algorithms and networks, and systems and applications.

Topics of interest include, but will not be limited to:

- Cluster, Distributed & Parallel Operating Systems and Middleware
- Cluster, Grid and Fault-tolerant Computing
- Multi-core Programming & Software Tools
- Distributed Scheduling & Load Balancing
- High-performance Scientific Computing
- Parallel Algorithms
- Parallel Architectures
- Parallel & Distributed Databases
- Parallel I/O Systems & Storage Systems
- Parallel Programming Paradigms
- Performance of Parallel & Distributed Computing Systems
- Tools & Environments for Parallel & Distributed Software Development
- Web Services

Paper Submission Guidelines

Authors are invited to submit manuscripts that demonstrate original unpublished research in all areas of parallel and distributed computing.

A manuscript should not exceed 12 pages in PDF, including tables and figures. The submitted paper must be camera-ready and formatted according to the rules of LNCS (for formatting information refer to the Springer LNCS website Information for Authors section, accessible also from the conference website). The PDF version of your paper must be submitted electronically through the paper submission system on the conference web site <http://www.cs.ucy.ac.cy/ica3pp08/>

Papers will be reviewed internationally and selected based on their originality, significance, correctness, relevance, and clarity of presentation. The conference proceedings of accepted papers will be published in the Springer-Verlag Lecture Notes in Computer Science (LNCS) series. Authors of accepted papers, or at least one of them, are requested to register and present their work at the conference, otherwise their papers will be removed from the digital library after the conference. A select number of distinguished papers, after further revisions, will also be invited to submit for publication in special issues of the International Journal of High Performance Computing and Networking (IJHPCN) and the Journal of Supercomputing.

Proposals for tutorial sessions are also solicited. Your proposal should include the lecture outline, assumed background of audience, and vitae of the presenter. Please send your proposals of tutorial sessions to anu@cs.gsu.edu and/or sizheng@utdallas.edu

For further questions, please contact:

Anu G. Bourgeois (anu@cs.gsu.edu) or S. Q. Zheng (sizheng@utdallas.edu)

Important Dates

SUBMISSION DEADLINE:	JANUARY 7, 2008
TUTORIAL SESSION PROPOSAL:	JANUARY 7, 2008
NOTIFICATION OF ACCEPTANCE:	FEBRUARY 28, 2008
CAMERA-READY DUE:	MARCH 15, 2008
EARLY REGISTRATION DUE:	MARCH 15, 2008

