



The 2007 International Symposium on Parallel and Distributed Processing with Applications (ISPA-07)

Niagara Falls, Ontario, Canada - August 29-31, 2007

In Cooperation with IEEE Computer Society TCSC

<http://www.ispa-conference.org/2007> or <http://www.cs.umanitoba.ca/~ispa07>



Steering Chairs

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Algorithms and Applications

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Data Mining and Databases

Dan A. Simovici, University of Massachusetts, USA

Fault Tolerance and Security

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Workshop Chairs

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Publicity Chairs:

Rasit Eskicioglu, University of Manitoba, Canada

Guojing Cong, IBM TJ Watson Research Center, USA

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Special Issue

A selection of the best papers will be published in a special issue of *International Journal of Parallel, Emergent and Distributed Systems (IJPEDS)* and *International Journal of High Performance Computing and Networking (IJHPCN)*, respectively.

Introduction

Following the traditions of previous successful ISPA conferences, ISPA-03 (held in Aizu-Wakamatsu City, Japan), ISPA-04 (held in Hong Kong), ISPA-05 (held in Nanjing, China), and ISPA-06 (held in Sorrento, Italy) the objective of ISPA-07 is to provide a forum for scientists and engineers in academia and industry to exchange and discuss their experiences, new ideas, research results, and applications about all aspects of parallel and distributed computing and networking. It will feature session presentations, workshops, tutorials and keynote speeches.

Scope and Interests

The Conference invites papers on all aspects of Parallel/Distributed Computing and Networking, and their applications. Topics of interest include, but are not limited to:

- Computer networks
- Network routing and communication algorithms
- Parallel/distributed system architectures
- Tools and environments for software development
- Parallel/distributed algorithms
- Distributed systems and applications
- Wireless networks, mobile and pervasive computing
- Reliability, fault-tolerance, and security
- Performance evaluation and measurements
- Grid and cluster computing
- Internet computing and Web technologies
- Database applications and data mining
- High-performance scientific and engineering computing

Submission Information

The conference and workshop proceedings will be published by Lecture Notes in Computer Science (LNCS). Papers not exceed 15 pages with free layout style should be submitted through: <http://cse.stfx.ca/~ispa07/>. Submission of a paper should be regarded as a commitment that, if the paper be accepted, at least one of the authors will register and attend the conference. Otherwise papers will be removed from the LNCS digital library.

Important Dates

Workshop proposals due:	January 31, 2007
Paper submission due:	March 15, 2007 (extended)
Notification of acceptance:	May 10, 2007
Camera-ready paper due:	June 01, 2007

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