

The 11th IEEE International Conference on High Performance Computing and Communications (HPCC-09)



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Seoul, Korea, June 25-27, 2009



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See HPCC-09 web site:
<http://www.sersc.org/HPCC2009>

Further questions, please contact with

Program
Prof. Juan Tourino, University of A Coruna, Spain
juan@udc.es

General

Prof. Jong Hyuk Park, Kyungnam University, Korea
parkjonghyuk1@hotmail.com

Workshops/Symposia

Prof. Young-Sik Jeong, Wonkwang University, Korea
ysjeong@wonkwang.ac.kr

INTRODUCTION

HPCC-09 is the next event in a series of highly successful International Conferences on High Performance Computing and Communications (HPCC), previously held as HPCC-08 (Dalian, China, September 2008), HPCC-07 (Houston, USA, September 2007), HPCC-06 (Munich, Germany, September 2006), HPCC-05 (Naples, Italy, September 2005), HPCN-04 (Tokyo, Japan, December 2004), PACT-SHPSEC03 (New Orleans, USA, September 2003), PACT-SHPSEC02 (Charlottesville, USA, September 2002), HPCA-01 (Nova Scotia, Canada, November 2001), HPNCA-00 (Delft, Netherlands, May 2000), HPNCA-99 (Amsterdam, Netherlands, April 1999).

The HPCC-09 conference provides a premier forum for engineers and scientists in academia, industry, and government to address the resulting profound challenges and to present and discuss their new ideas, research results, applications and experience on all aspects of high performance computing and communications.

Topics include but are not limited to the following:

- Languages and compilers for high performance computing
- Parallel and distributed system architectures
- Parallel and distributed software technologies
- Parallel and distributed algorithms
- Embedded systems
- Peer-to-peer computing
- Grid and cluster computing
- Web services and internet computing
- Performance evaluation and measurement
- Tools and environments for software development
- Distributed systems and applications
- High-performance scientific and engineering computing
- Database applications and data mining
- Biological/molecular computing
- Collaborative and cooperative environments
- Network protocols, routing, algorithms
- Mobile computing and wireless communications
- Pervasive/ubiquitous computing and intelligence
- Autonomic, reliability and fault-tolerance
- Trust, security and privacy

IMPORTANT DATES

Workshop Proposal:	December 01, 2008
Submission Deadline:	January 26, 2009
Authors Notification:	March 20, 2009
Final Manuscript Due:	April 03, 2009

ELECTRONIC SUBMISSION

Prepare your paper with free styles and not more than 15 pages in a PDF file. Submit your paper(s) at the HPCC-09 submission site: <http://cse.stfx.ca/~hpcc09/sub/>

PAPER PUBLICATION

Accepted and presented papers will be included into the IEEE conference proceedings published by IEEE CS Press (indexed by EI). 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 libraries of IEEE CS and EI after the conference.

Distinguished papers presented at the conference, after further revisions, will be published in special issues of the several international issues such as Journal of Supercomputing, IJHPCN, IJCSE, IJCSSE and WWW.

WORKSHOP PROPOSAL

In conjunction with the HPCC-09 conference, several workshops/symposia will be held. If you would like to organize, please submit a workshop proposal including call for papers, organizing committee, important dates, contact person, short bio of the organizers to the HPCC-09 workshop chairs before December 01, 2008. Proceedings of the HPCC-09 workshops will be published by IEEE CS Press. The workshops with more than 15 papers will be granted with a free complimentary registration and local accommodation for one leading workshop organizer.