

CALL FOR PAPERS

CALL FOR PAPERS



# ISPDC 2008

July 1 - 5, Krakow, Poland

## ISPDC 2008: 7<sup>th</sup> International Symposium on Parallel and Distributed Computing July 1-5, 2008, Krakow, Poland

Conference WWW page: <http://ispdc2008.ipipan.waw.pl/>

It is our pleasure to announce the 7th International Symposium on Parallel and Distributed Computing - ISPDC 2008. We have been witnessing an unprecedented development of parallel and distributed computing techniques and the respective system technology. This development cannot be complete and successful without fast distribution of new ideas and concepts as well as a profound verification of new technical solutions proposed some time ago.

The ISPDC conferences provide a wide international forum for these purposes with an interactive and friendly, but strongly professional atmosphere.

The previous symposia were held with success in:

- |                           |                          |
|---------------------------|--------------------------|
| 2002: Iasi, Romania       | 2005: Lille, France      |
| 2003: Ljubljana, Slovenia | 2006: Timisoara, Romania |
| 2004: Cork, Ireland       | 2007: Hagenberg, Austria |

Prospective authors are invited to submit original papers (not being considered for publication elsewhere) describing new theoretical and/or experimental research. The conference scope will be focussed on but not limited to the following topics:

- Parallel Computing
- Cluster Computing
- Grid Computing
- Web Services and Internet Computing
- Cooperative and Collaborative Computing
- Peer-to-peer Computing
- Mobile and Ubiquitous Computing
- New Parallel System Concepts and Architectures
- Distributed Systems Methodology and Networking
- Software Agents and Multi-agent Systems
- Algorithms, Models and Formal Verification
- Parallel Programming Paradigms and APIs
- Tools and Environments for Parallel Program Analysis
- Operating Systems for Parallel and Distributed Systems
- Task Scheduling and Load Balancing
- Performance Management in Parallel and Distributed Systems
- Parallel, Distributed and Mobile Databases
- Distributed Software Components
- Real-time Distributed and Parallel Systems
- Security in Parallel and Distributed Systems
- Fault Tolerance in Parallel and Distributed Systems
- Bio-inspired Parallel Algorithms
- Parallel Scientific Computing and Large Scale Simulations
- Parallel and Distributed Applications

### SUBMISSION DEADLINE

31 March, 2008

### ORGANIZERS



Institute of Computer Science  
Polish Academy of Sciences,  
Warsaw



Polish Japanese Institute of  
Information Technology,  
Warsaw



Faculty of Electrical Engineering,  
Automatics, Computer Science and  
Electronics AGH University of  
Science and Technology, Krakow

### CONTACT

Institute of Computer Science  
Polish Academy of Sciences  
ul. Ordone 21  
01-237 Warszawa, Poland  
tel. +48 22 836-28-41  
fax. +48 22 837-65-64  
email: [ispdc2008@ipipan.waw.pl](mailto:ispdc2008@ipipan.waw.pl)  
<http://www.ipipan.eu/>

## SUBMISSION

The **deadline** for paper submission is **31 March, 2008**.

The proceedings will be published by the IEEE Computer Society Press in a post-conference volume.

A selection of the best papers will be considered for publication in a special journal issue.

Papers are to be submitted in an electronic form via the submission WWW site: <http://ispdc2008.ipipan.waw.pl/openconf/>

The papers should be sent as a single PDF or PostScript file and should not contain more than 8 pages in the IEEE CS two-column format described at [http://www.computer.org/portal/pages/cscps/cps/cps\\_forms.html](http://www.computer.org/portal/pages/cscps/cps/cps_forms.html)

## CONFERENCE VENUE

The conference will be held in Krakow, the traditional cultural and historical capital of Poland, listed on the UNESCO World Heritage List. This town is full of historical monuments, including the original Old Town with its specific atmosphere unchanged since the Middle Ages, the Royal Wawel Castle and the Gothic St Mary's Basilica, the historical Cloth Hall, "Wieliczka" Salt Mine, and the Pieskowa Skala Castle.

This town is also a strong academic center with one of the oldest Universities in Europe - the Jagiellonian University (founded in 1364), Cracow University of Technology, AGH University of Science and Technology and many other colleges and higher schools. The ISPDC 2008 sessions will be hosted by the Faculty of Electrical Engineering, Automatics, Computer Science and Electronics of the AGH University of Science and Technology in the new, modern and air-conditioned site of the Department of Telecommunications.



## ISPDC 2008 CHAIR

Marek Tudruj  
(Institute of Computer Science Polish Academy of Sciences,  
Polish-Japanese Institute of Information Technology, Warsaw, Poland)

## ISPDC 2008 STEERING COMMITTEE

Bertil Folliot (University of Paris 6, France)  
Dan Grigoras (University College Cork, Ireland)  
John Morrison (University College Cork, Ireland)  
Marcin Paprzycki (Polish Academy of Sc., Warsaw Management Acad., Poland)  
Dana Petcu (Western University of Timisoara, Romania)  
Isaac Scherson (University of California, Irvine, USA)  
Leonel Sousa (Technical University of Lisbon / INESC-ID, Portugal)  
Marek Tudruj (Polish Academy of Science, PJIIT, Warsaw, Poland)

## ISPDC 2008 PROGRAM COMMITTEE

Mark Baker, *University of Reading, UK*  
Ioana Banicescu, *Mississippi State Univ., USA*  
Taisuke Boku, *University of Tsukuba, Japan*  
Beniamino Di Martino, *Second University of Naples, Italy*  
Bertil Folliot, *University Paris 6, France*  
George Gravvanis, *Democritus University of Thrace, Greece*  
Dan Grigoras, *University College Cork, Ireland*  
Daniel Grosu, *Wayne State University, USA*  
Thomas Hérault, *LRI, Univ. Paris Sud, France*  
Kei Hiraki, *University of Tokyo, Japan*  
Ladislav Hluchy, *Slovak Academy of Sciences, Slovakia*  
Hai Jin, *Huazhong University of Science and Technology, China*  
Andrzej Jordan, *Polish-Japanese Inst. of Information Technology, Poland*  
Peter Kacsuk, *Hungarian Acad. of Sciences, Hungary*  
Hironori Kasahara, *Waseda University, Japan*  
Jacek Kitowski, *AGH University of Science and Technology, Poland*  
Andreas Knüpfer, *Technische Universität Dresden, Germany*  
Beata Konikowska, *Polish Academy of Sciences, Poland*  
Dieter Kranzmueller, *Johannes Kepler University Linz, Austria*  
Henryk Krawczyk, *Gdansk Tech. Univ., Poland*  
Alexey Lastovetsky, *University College Dublin, Ireland*  
Hai Liu, *University of Ottawa, Canada*  
Pierre Manneback, *Faculté Polytechnique de Mons, Belgium*  
Carsten Maple, *University of Bedfordshire, Luton, UK*  
Tomas Margalef, *Universitat Autònoma Barcelona, Spain*  
Ami Marowka, *Shenkar College of Engineering and Design, Israel*  
Nouredine Melab, *Univ. des Sciences et Technologies de Lille, France*  
John Morrison, *University College Cork, Ireland*  
Traian Muntean, *Université de la Méditerranée - Marseilles, France*  
Alex Nicolau, *Univ. of California, Irvine, USA*  
Richard Olejnik, *Univ. des Sciences et Technologies de Lille, France*  
Andrzej Pach, *AGH University of Science and Technology, Krakow, Poland*  
Marcin Paprzycki, *Polish Academy of Sc., Warsaw Management Acad., Poland*  
Dana Petcu, *Western Univ. of Timisoara, Inst. e-Austria, Romania*  
Omer Rana, *Cardiff University, UK*  
Isaac Scherson, *Univ. of California, Irvine, USA*  
Wolfgang Schreiner, *Johannes Kepler University Linz, Austria*  
Franciszek Seredyński, *Polish Academy of Sciences, PJIIT, Poland*  
Leonel Sousa, *Technical University of Lisbon / INESC-ID, Portugal*  
Tomasz Szmuc, *AGH University of Science and Technology, Krakow, Poland*  
Nicolae Tapus, *Politehnica University of Bucharest, Romania*  
Bernard Toursel, *Univ. des Sciences et Technologies de Lille, France*  
Carsten Trinitis, *Tech. Univ. Munich, Germany*  
Denis Trystram, *LIG IMAG Grenoble, France*  
Marek Tudruj, *Polish Acad. of Sc, PJIIT, Poland*  
Marco Vanneschi, *University of Pisa, Italy*  
Rainer Unland, *University of Duisburg-Essen, Germany*  
Jens Volkert, *Johannes Kepler University Linz, Austria*  
Stephen Winter, *Univ. of Westminster, London, UK*  
Roman Wyrzykowski, *Czestochowa University of Technology, Poland*  
Laurence T. Yang, *St Francis Xavier University, Canada*  
Krzysztof Zieliński, *AGH University of Science and Technology, Poland*