

**IEEE-CS Technical Committee on Parallel Processing (TCPP) Newsletter**  
**April 2008**  
[tcpp.computer.org](http://tcpp.computer.org)

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Dear TCPP member,

Over 600 of us returned from an extremely successful IPDPS-08 conference held at Miami last week. As you may know, IPDPS is TCPP's 100%-sponsored flagship conference. This is the first time I have so closely observed the enormous logistics and hard work that goes into making of this great event. My congratulations to the entire IPDPS-08 team and especially for those working tirelessly behind the scenes, who form the hub of the IPDPS machinery! IPDPS goes to Rome next year.

TCPP had a few specialized activities at IPDPS as well. The PhD Student Forum was a success, with 36 posters presented and very good attendance. TCPP gave out 24 travel awards. I am pleased to announce the two best poster awardees: Kamesh Madduri of Georgia Tech and Lamia Yousef of University of Santa Barbara! In addition, TCPP also gave 21 travel awards to student authors of IPDPS papers, thanks to NSF support. The inaugural TCPP Outstanding Service Award plaque was formally presented to Prof. Viktor Prasanna of University of Southern California. Also, TCPP executive/advisory committee meeting was held. Prof. Yves Robert of Ecole Normale Supérieure de Lyon, France, has graciously agreed to serve as the Program Chair of the next PhD Forum at IPDPS-09. Look out for upcoming details.

You may notice in the header above that we have a new address on the web. We have started putting together information on TCPP at a newly-created website at <http://tcpp.computer.org>. Check it out periodically, as we gather additional resources useful to our community.

Here are the updates on TCPP related conferences followed by CFPs, etc., submitted in the past several weeks to [tcpp-announce@cc.gatech.edu](mailto:tcpp-announce@cc.gatech.edu).

Regards,

Sushil K. Prasad  
TCPP Chair

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## **TCPP Related Events**

**ICAC 2008: The 5th IEEE International Conference on Autonomic Computing**  
June 2-6, 2008 Chicago, USA  
<http://www.acis.ufl.edu/~icac2008/>

- The purpose of ICAC-08 is to bring together researchers and practitioners to address all aspects of self-management in computing systems. In doing so, we will continue to develop and nurture a growing community that can work together to realize the vision of scalable self-managing systems. The conference builds on previous highly influential meetings in New York, Seattle, Dublin and Jacksonville.

- Mar 3, 2008 Workshop proposals due
- Mar 3, 2008 Demo/Exhibit proposals due

**DCOSS 2008: Intl Conference on Distributed Computing in Sensor Systems**

June 11-14, 2008 Santorini Island, Greece

<http://www.dcooss.org/>

- The focus of the conference is on distributed computing issues in large-scale networked sensor systems (including algorithms, applications, and systematic design techniques and tools), but networking-related contributions that support high level abstractions are also welcome.
- New in 2008: Demo Session, Work-in-Progress Session, IJDSN Special Issue on Best Papers of DCoSS 08, Students Competition

**HPDC 2008: 7th Intl Conference on High Performance Distributed Computing**

June 23-27, 2008 Boston, USA

<http://www.hpdc.org>

- High-Performance Distributed Computing (HPDC) combines the advances in research and technologies in high speed networks, software, distributed computing and parallel processing to deliver high-performance, large-scale and cost-effective computational, storage and communication capabilities to a wide range of applications.

**ICPS 2008: IEEE International Conference on Pervasive Services**

July 6-10, 2008 Sorrento, Italy

<http://icpsconference.org/>

- The 2008 International Conference on Pervasive Services (ICPS'2008), to be held in Sorrento, Italy, provides a forum for researchers, engineers, application & service developers and users to present their latest advances in the field of pervasive services. Use cases and usage models for these pervasive services are of particular interest to the conference.

**PACT 2008: 7th Intl Conf. on Parallel Architectures and Compilation Techniques**

October 25-29, 2008 Toronto, Canada

<http://www.eecg.toronto.edu/pact/>

- The purpose of PACT is to bring together researchers from architecture, compilers, applications and languages to present and discuss innovative research of common interest.

**DS-RT 2008: The 12th IEEE International Symposium on Distributed Systems and Real Time Applications**

October 27-29, 2008 Vancouver, Canada

<http://www.cs.unibo.it/ds-rt2008/>

- DS-RT 2008 serves as a forum for simulationists from academia, industry and research labs, for presenting recent research results in Distributed Simulation and Real Time Applications
- May 1, 2008 Papers due

**ICPADS 2008: 14th International Conference on Parallel and Distributed Systems**

Dec 8-10, Melbourne, Australia

<http://www.deakin.edu.au/conferences/icpads2008/>

- ICPADS provides an international forum for scientists, engineers, and users to exchange and share their experiences, new ideas, and latest research results on all aspects of parallel and distributed systems.
- May 23, 2008 Workshop Proposals due
- June 20, 2008 Papers due

**HiPC-08: Intl. Conference on High Performance Computing**

Dec 17-20, 2008 Bangalore, India

<http://www.hipc.org>

- The 14th meeting, held in Goa, India in December 2007, had 52 contributed papers that were selected from over 253 submissions from 31 countries and approximately 300 participants attended the meeting.
- May 12, 2008: Papers and Workshop Proposals Due
- May 19, 2008: Tutorial Proposals Due

**PerComm-09: IEEE Intl Conf on Pervasive Computing and Communications**

March 16-20, 2009, Dallas, USA

<http://www.percom.org>

- The sixth edition of IEEE's premier international conference on pervasive computing and communications, PerCom 2008 was held in Hong Kong. The conference comprising high quality technical sessions (19 full and 6 short papers), 2 keynote speeches, one panel, a PhD forum, 10 popular workshops, live demonstrations and work-in-progress posters, was attended by about 230 researchers from all over the world.

**IPDPS-09: IEEE Intl Parallel and Distributed Processing Symposium**

May, Rome, Italy

<http://ipdps.org>

## Call for Papers

May 1, 2008

DS-RT 2008: 12th IEEE/ACM Intl Symposium on Distributed Simulation and Real Time Applications

Oct 27-29, Vancouver, BC, Canada

<http://www.cs.unibo.it/ds-rt2008/>

May 5, 2008

SASO: Self-adaptive and Self-organizing Systems

Oct 20-24, 2008 Venice, Italy

[www.saso-conference.org](http://www.saso-conference.org)

May 5, 2008

HeteroPar'08: Algorithms, Models and Tools for Parallel Computing on Heterogeneous Networks

29 September – 1 October 2008, Tsukuba, Japan

<http://heteropar2008.org>

May 5, 2008

Second International Workshop on High Performance I/O Systems and Data Intensive Computing

Tsukuba, Japan. October 1st, 2008

<http://www.arcos.inf.uc3m.es/~jdaniel/hiperio08>

May 9, 2008 (Abstract Due)

CBHPC'08: Component-Based High Performance Computing Workshop

14-17 Oct. 2008, Karlsruhe, Germany

<http://www.di.unipi.it/~hpc-geco/>

May 13, 2008

MICRO-41: The 41st Annual IEEE/ACM International Symposium on Microarchitecture

November 8-12, 2008, Lake Como, Italy

<http://www.microarch.org/micro41>

May 13, 2008

The British Computer Society International Academic Research Conference Visions of Computer Science  
September 22-24, 2008, Imperial College, London

[www.bcs.org/visions](http://www.bcs.org/visions)

May 15, 2008

META'2008: International Conference on Metaheuristics and Nature Inspired Computing  
29-31 Oct 2008, Hammamet, Tunisia

<http://www.lifl.fr/META08>

May 22, 2008

ECEL 2008: 7th European Conference on e-Learning  
Grecian Bay Hotel, Agia Napa, Cyprus

<http://academic-conferences.org/ecel/ecel2008/ecel08-call-papers.htm>

May 23, 2008

The Fourth IEEE International Workshop on Wireless and Sensor Networks Security (WSNS'08)  
September 29, 2008

[www.cs.wcupa.edu/~zjiang/wsns08.htm](http://www.cs.wcupa.edu/~zjiang/wsns08.htm)

June 1, 2008

ISPA'08: IEEE International Symposium on Parallel and Distributed Processing with Applications  
Dec 10-12, 2008. Sydney, Australia

<http://www.cs.usyd.edu.au/~ispa2008/>

June 1, 2008

PM2HW2N 2008: 3rd ACM International Workshop on Performance Monitoring, Measurement, and  
Evaluation of Heterogeneous Wireless and Wired Networks

<http://www.pm2hw2n.acca-group.info>

October 27 - 31, 2008 Vancouver, British Columbia, Canada

June 23, 2008

ICDCIT 2008: International Conference on Distributed Computing and Internet Technologies

<http://www.icdcit08.org>

July 14, 2008

ICDCN 2009: 10th International Conference on Distributed Computing and Networking  
January 3-6, 2009, Hyderabad, India

[www.iiit.ac.in/ICDCN09](http://www.iiit.ac.in/ICDCN09)

Sept 1, 2008

Innovations'2008: 5th International Conference on Innovations in Information Technology  
December 16-18, 2008

Al Ain, United Arab Emirates

<http://www.it-innovations.ae/>

### **Call for Workshop Proposals**

May 30, 2008

The 41st Annual IEEE/ACM International Symposium on Microarchitecture

Email proposals to Koen De Bosschere ([Koen.DeBosschere@elis.ugent.be](mailto:Koen.DeBosschere@elis.ugent.be)) Donald Yeung  
([yeung@eng.umd.edu](mailto:yeung@eng.umd.edu))

## Call for Participation

May 11, 2008

IWMSE: International Workshop on Multicore Software Engineering

Leipzig, Germany

<http://www.multicore-systems.org/iwmse>

May 12, 2008

ICSE: "Programming Wireless Sensor Networks: from Theory to Practice"

Tutorial at the 30th International Conference on Software Engineering

Leipzig, Germany

May 19-22, 2008

CCGrid: 8th IEEE International Symposium on Cluster Computing and the Grid

Lyon, France

<http://ccgrid2008.ens-lyon.fr/>

June 9 - 11, 2008

ICA3PP-2008: The 8th International Conference on Algorithms and Architectures for Parallel Processing

Agia Napa, Cyprus

June 24-26, 2008

IEEE WoWMoM 2008 :9th IEEE International Symposium on a World of Wireless, Mobile and Multimedia Networks

June 23-26, 2008, Newport Beach, CA, USA

<http://wowmom08.ics.uci.edu>

July 16-18, 2008

CSE 2008: IEEE 11th International Conference on Computational Science and Engineering

Sao Paulo, Brazil

Dec 17-20, 2008

HiPC 2008:15th IEEE International Conference on High Performance Computing

Bangalore, India

<http://www.hipc.org>

## Open Positions

- Department of Electrical and Computer Engineering at Polytechnic University announces an open faculty position in the areas of computer engineering. Areas of interest include microprocessor architecture, chip multiprocessors, embedded systems, parallel processing and reconfigurable computing. The successful candidate will contribute to substantial on-going efforts in high performance computing and other topics in computer engineering. For more information, please see <http://www.poly.edu/ece/positions>
- Post-doc in Web Service Process Adaptation in the Department of Computer Science and Software Engineering, University of Concordia, Montreal Canada. Apply by e-mail to Yuhong.Yan@unb.ca.