

TCPP Dec-07 Newsletter - Service award result, PhD forum update, etc.

Dear TCPP member,

I am happy to announce that the inaugural TCPP Outstanding Service Award goes to Professor Viktor Prasanna, University of Southern California! The awards committee was chaired by Professor Arnold Rosenberg, University of Massachusetts, Amherst, and had distinguished membership of Rajkumar Buyya, Michel Cosnard, Jack Dongarra, Jose Fortes, Allan Gottlieb, Geppino Pucci, Assaf Schuster, Behrooz Shirazi, Jie Wu, and Albert Zomaya. As you know, Professor Prasanna has a long career of enabling high-quality research on parallel and distributed processing - Founder of TCPP, Leader of International Parallel & Distributed Processing Symposium (IPDPS) and International Conference on High Performance Computing (HiPC), Editor-in-Chief of IEEE Transactions on Computers, too many to name. The committee restricted itself to just one award this year to highlight his unique contributions. We will formally present the award at the next IPDPS in Miami. Congratulations Viktor!

An updated set of instructions for TCPP PhD Forum at IPDPS 2008 is now available at http://www.ipdps.org/ipdps2008/2008_phdforum.html with a two-page abstract deadline of January 15, 2008. A primary intent is for students at their proposal stage to get feedback on their research agenda from the community experts. More advanced students will also benefit: both from steering and validation of their research direction and results, and from networking with expert audience from industry and academia. The research area of interest is broad enough to accommodate all the TCPP sponsored/co-sponsored conference topics. TCPP will give out a number of travel awards to support the students. I encourage PhD students to avail themselves of this new opportunity.

In this newsletter, we have created a separate section for the TCPP sponsored/co-sponsored and related events for you to get timely and brief updates on their upcoming deadlines/extensions as well as their current activities. This section is followed by the calendar of announcements submitted in the past several weeks to TCPP-announce@cc.gatech.edu.

Regards,

Sushil

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TCPP Related Events

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IPDPS-08: 22nd IEEE Intl Parallel & Distributed Processing Symposium

April 14-18, 2008 Hyatt Regency Hotel Miami, Florida USA

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

- Workshops: There are a few workshops still accepting papers.

PDSEC: Workshop on Parallel and Dist Scientific and Engineering Computing
Deadline: Dec 16

MTAAP: Workshop on Multithreaded Architectures and Applications
Deadline: Dec 23

SMTSPS: Workshop on System Management Techniques, Processes, and Services
Deadline: Dec 24

- Commercial presentations: Commercial Participation at IPDPS 2008 takes place on Tues, Wed, & Thurs, April 15-17, 2008, the three days that regular conference technical sessions are held and the period of highest conference attendance.

http://www.ipdps.org/ipdps2008/2008_commercial.html

- TCPP Ph.D. Forum at IPDPS-08
Jan 15, 2008 2-page Extended Abstract Due

- Advanced Registration open until 24 March 2008.

HiPC-07: The 14th IEEE Intl Conf on High Performance Computing

Dec 18-21, 2007 - Goa, India, Conference Venue: Cidade-de-Goa
<http://www.hipc.org>

- Next week, HiPC-07 will have five keynotes and two invited talks, two tutorials, 53 contributed papers, four workshops, a poster session, and a mini symposium. The mini symposium will bring together providers and users of HPC to provide a forum for presenting the state-of-the-art in HPC platforms and technologies, for discussing best practices and for exchanging experiences. TCPP is sponsoring HiPC best poster awards.

PerComm-08: IEEE Intl Conf on Pervasive Computing and Communications

March 17-21, 2008 Kowloon, Hong Kong
<http://www.percom.org>

- IEEE PerCom 2008 will be the sixth annual conference on the emerging area of pervasive computing and communications aimed at providing an exciting platform and paradigm for all the time, everywhere services.

- Main Features: 19 Full Papers and 6 Concise Contributions, Three Keynote speeches, Two Panels, Poster Session with 9 Posters, 10 Workshops, Demonstration session

AICCSA-08: The 6th Intl Conf on Computer Systems and Applications

March 31 - April 4, 2008, Doha, Qatar

<http://www.aiccsa08.org>

- AICCSA is the premier Computer Science and Engineering Conference in the Middle East and North Africa.

ICAC 2007: The 5th IEEE International Conference on Autonomic Computing

June 2-6, 2008 Chicago, IL, 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 2007: 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

Jan 28, 2008: Papers Due

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

June 23-27, 2008 Boston

<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.

January 14, 2008 Abstract Submissions

January 21, 2008 Paper Submissions

March 17, 2008 Hot Topics Submission Deadline

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.

February 1, 2008 Submission deadline

January 11, 2008 Workshop proposals due

March 28, 2008 Tutorial proposals due

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.

March 20, 2008 Abstracts due

March 28, 2008 Papers due

ICPADS-2007: 13th Intl Conference on Parallel and Distributed Systems

5-7 December 2007 Hsinchu, Taiwan,

- The conference 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. The conference just wrapped up, featuring 3 keynotes, 4 workshops, and 16 sessions of contributed papers.

TCPP is also co-sponsoring best poster awards at e-science-07 (<http://www.escience2007.org/>) and best paper awards at ICDCN-08 (<http://www.icdcn.org/>), as part of its collaboration with its sister Technical Committees and to initiate new relationships.

Call for Proposals

- NSF Expeditions in Computing (Expeditions)

A new NSF CISE program called "Expeditions in Computing" (Expeditions) provides the opportunity for the computing research community to pursue ambitious, compelling, and transformative research agendas that promise disruptive innovations in the computing and information fields. Funded at levels up to \$2,000,000 per year for five years, awarded projects are expected to explore far-reaching research and education activities motivated by hard problems and/or compelling applications. Teams of investigators from within or across departments or institutions are encouraged to combine their expertise and talents to forge well-integrated research appropriate for the Expeditions program. More information about Expeditions is available at <http://nsf.gov/pubs/2007/nsf07592/nsf07592.htm>. Note the following deadlines: a Letter of Intent was due November 5, 2007, and the Preliminary Proposal is due December 30, 2007. It is estimated that only 20 collaborating teams will be invited to submit a full proposal due on April 1, 2008, with only 3 of those proposals anticipated for award.

- NSF Cyber-Enabled Discovery and Innovation (CDI) The NSF has just announced its newest multidisciplinary, multi-year initiative: "Cyber-Enabled Discovery and Innovation (CDI)." CDI aims to create revolutionary science and engineering research outcomes made possible by innovations and advances in "computational thinking." Computational thinking is defined comprehensively as computational concepts, methods, models, algorithms, and tools. Applied in challenging science and engineering research and education contexts, computational thinking promises a profound impact on the Nation's ability to generate and apply new knowledge. Collectively, CDI research outcomes are expected to produce paradigm shifts in our understanding of a wide range of science and engineering phenomena and socio-technical innovations that create new wealth and enhance the national quality of life. For additional information about CDI, including frequently asked questions, please refer to <http://www.nsf.gov/crssprgm/cdi>. Examples of motivating science and/or engineering research and education opportunities can also be found there. This list is provided for purposes of illustration only; it is neither exhaustive, nor indicative of preference regarding research areas.

Call for Papers

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Dec 23, 2007

PPABS: Workshop on Parallel Programming on Accelerator-Based Systems, held in conjunction with PPOPP'08, February 23, 2008, Salt Lake City, UT.

<http://www.checs.eng.vt.edu/ppabs08.html>

Dec 24, 2007

SMTSPS-08: The Fourth International Workshop on System Management Techniques, Processes, and Services in conjunction with The 22th IEEE International Parallel and Distributed Processing Symposium (IPDPS 2008) 14-18 April 2008.

<http://www.ece.rutgers.edu/~yyzhang/ipdps-ws/>

Jan 4, 2008

Workshop on Autonomics for Grids and Datacenters (CCGrid 2008), Lyon, France, May 19-22, 2008

<http://www.caip.rutgers.edu/agd2008/>

Jan 5, 2008

UIC-08: The 5th International Conference on Ubiquitous Intelligence and Computing - Building Smart Worlds in Real and Cyber Spaces Organized by Oslo University College and University of Stavanger, Norway, Oslo, Norway, June 23-25, 2008

<http://www.iu.hio.no/uic08/>

Jan 10, 2008

NAS'08: International Conference on Networking, Architecture, and Storage, June 12-14, 2008, Chongqing, China

<http://www-rohan.sdsu.edu/~taoxie/nas/>

Jan 21, 2008

WTS 2008: The 7th IEEE Wireless Telecommunications Symposium April 24-26, 2008, Kellogg West Conference Center, California State Polytechnic University, Pomona

www.csupomona.edu/wtsi

Jan 25, 2008

CSE 2008: IEEE 11th International Conference on Computational Science and Engineering, July 16-18, 2008 - Sao Paulo - Brazil

<http://www.icmc.usp.br/cse08>

Jan 28, 2007

SCC 2008: IEEE International Conference on Services Computing July 8-11, 2008, Hawaii, USA

<http://conferences.computer.org/scc/2008/>

Feb 4, 2008

ICPP 2008: 37th International Conference on Parallel Processing, Portland, OR.
September 8-12, 2008.

<http://www.cse.ohio-state.edu/~icpp2008/>

Mar 1, 2008

SEKE'08: The Twentieth International Conference on Software Engineering and Knowledge Engineering will be held at Hotel Sofitel, Redwood City, California, USA, July 1-3, 2008.

<http://www.ksi.edu/seke/seke08main.html>

May 15, 2008 META'2008: International Conference on Metaheuristics and Nature Inspired Computing, 29-31 Oct 2008, Hammamet, Tunisia

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

Call for Paper for Special Journal Issue

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Jan 31, 2008

Special Issue (Volume 2, Issue 1) on Collaborative Supply Chain Management for Int. J. of Information Systems and Supply Chain Management www.igi-global.com/ijisscm

Guest Editor: Jairo R. Montoya-Torres jairo.montoya@unisabana.edu.co

Call for Workshop Proposal

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Dec 26, 2007

ECOOP 2008: 22nd European Conference on Object-Oriented Programming, ECOOP 2008 is held in July 2008 in Paphos, Cyprus.

<http://2008.ecoop.org/>

Mar 3, 2008

ICAC 2008: The 5th IEEE International Conference on Autonomic Computing Chicago, IL, USA June, 2008

<http://www.acis.ufl.edu/~icac2008/>

Call for Participation

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Dec 18-21, 2007

HiPC-07: 14th IEEE/ACM International Conference on High Performance Computing, Goa, India.

<http://www.hipc.org>

Dec 17-20, 2007 OPODIS'07: International Conference On Principles Of Distributed Systems, Guadeloupe, French West Indies, December 17-20th, 2007
www.opodis.net

March 17-21, 2008
PerComm-08: IEEE Intl Conf on Pervasive Computing and Communications, Kowloon, Hong Kong
<http://www.percom.org>

April 14-18, 2008
IPDPS-08: 22nd IEEE Intl Parallel & Distributed Processing Symposium, Hyatt Regency Hotel Miami, Florida USA
<http://www.ipdps.org/>