Dear TCPP member,

As part of our initiatives to better serve students and young professionals, we are announcing our new Ph.D. student forum.

TCPP PhD Forum at IPDPS 2008: TCPP is launching this new event as part of its flagship conference, the International Parallel & Distributed Processing Symposium (IPDPS). This one-day event will be an opportunity for graduate students to present a poster describing their dissertation work to a broad audience of both academic and industrial researchers from the parallel and distributed computing community. The objective of the PhD Forum is to help students establish contacts for entering the job market and at the same time give representatives from industry and academia a preview of developing technologies in parallel and distributed computing. To participate, students are asked to submit a two-page extended abstract by January 15, 2008, describing the novelties and advantages of their thesis work. The top submissions will receive travel awards sponsored by TCPP. For details, see [http://ipdps.org/ipdps2008/2008_phdforum.html](http://ipdps.org/ipdps2008/2008_phdforum.html).

This month I attended IEEE Computer Society’s Technical Activities Board meetings representing TCPP. Here are two key reminders for TCPP sponsored/co-sponsored conferences:

(i) Submit Technical Meeting Request Form (TMRF) early. For an established conference, if submitted ten months prior to the conference, there is a reduction of $1000 in fees. New conferences need to submit 12 months before the event.

(ii) Submit final conference report within 4 months after the conference.

Visit the page for “Conferences/Conference Organizer Resources” on [http://www.computer.org](http://www.computer.org) for detailed information on new procedures and policies as well as for a description of benefits.

Attached below are the announcements submitted in the past several weeks to TCPP-announce@cc.gatech.edu.

Regards,

Sushil

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**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 is 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 Computing Processes and Artifacts (CPA)**
The most recent NSF Computing Processes and Artifacts (CPA) cluster solicitation is available at http://nsf.gov/pubs/2007/nsf07587/nsf07587.htm. The proposal deadline is December 7, 2007. There are some changes compared to last year's solicitation, so submitters should carefully read the new solicitation. One notable change is that an investigator may participate on at most two proposals (instead of just one) as long as at least one of the proposals is a "team" or "major team" proposal, but note that only a very few proposals in these categories are expected to be awarded across the cluster.

**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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<th>DEADLINE</th>
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<td>Nov 20, 2007</td>
<td>NIDISC’08 The 11th International Workshop on Nature Inspired Distributed Computing held in conjunction with The 22th IEEE International Parallel</td>
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and Distributed Processing Symposium (IPDPS 2008) 14-18 April 2008
http://www.lifl.fr/~talbi/nidisc08


http://www.ra.informatik.tu-darmstadt.de/pasa/2008/

http://www.ieee-wowmom.org/


http://cobweb.ecn.purdue.edu/~smidkiff/hips/

Nov 29, 2007  WiSP'08: The first International Workshop on Wireless Security and Privacy, June 20, 2008, Beijing, China held in conjunction with The 28th International Conference on Distributed Computing Systems (ICDCS'08) www.es.wcupa.edu/~zjiang/wisp08.htm


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

Dec 3, 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


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.uio.no/uic08/


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


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
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](http://www.igi-global.com/ijisscm)
Guest Editor: Jairo R. Montoya-Torres [jairo.montoya@unisabana.edu.co](mailto:jairo.montoya@unisabana.edu.co)

Call for Workshop Proposal
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Dec 14, 2007  CSE-08: 9th IEEE International Conference on Computational Science and Engineering, June 25-27, 2008 - Sao Paulo - Brazil
[http://www.icmc.usp.br/cse08](http://www.icmc.usp.br/cse08)


Call for Participation
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Dec 10-13, 2007  Third IEEE International Conference on e-Science and Grid Computing, Bangalore, India

[http://www.hipc.org](http://www.hipc.org)

[www.opodis.net](http://www.opodis.net)