

## TCPP Nov-07 Newsletter - TCPP PhD Forum Announcement

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> 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](mailto:TCPP-announce@cc.gatech.edu).

Regards,

Sushil

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### Call for Proposals

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#### 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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DEADLINE	EVENT
Nov 19, 2007	CCGrid 2008: 8th IEEE International Symposium on Cluster Computing and the Grid, 19-22 May 2008, Lyon, France <a href="http://ccgrid2008.ens-lyon.fr">http://ccgrid2008.ens-lyon.fr</a>
Nov 19, 2007	ASSESS: Workshop on Assessing Models of Networks and Distributed Computing Platforms, May 19-22, 2008, Lyon, France Workshop held in conjunction CCGrid 2008 <a href="http://www-id.imag.fr/Laboratoire/Membres/Legrand_Arnaud/assess08/">http://www-id.imag.fr/Laboratoire/Membres/Legrand_Arnaud/assess08/</a>
Nov 20, 2007	NIDISC'08 The 11th International Workshop on Nature Inspired Distributed Computing held in conjunction with The 22th IEEE International Parallel

- and Distributed Processing Symposium (IPDPS 2008) 14-18 April 2008  
<http://www.lifl.fr/~talbi/nidisc08>
- Nov 20, 2007 WAMN 2008: International Workshop on Wireless Ad Hoc and Mesh Networks, To be held in conjunction with CISIS 2008 (<http://www.cisis-conference.eu/>) Barcelona, Spain, March 4-7, 2008  
<http://www.eecs.uc.edu/~qzeng/WAMN2008/WAMN2008.htm>
- Nov 23, 2007 PASA 2008: 9th Workshop on Parallel Systems and Algorithms in Conjunction with 21st International Conference on Architecture of Computing Systems (ARCS) Dresden, Germany, Feb 25-28, 2008.  
<http://www.ra.informatik.tu-darmstadt.de/pasa/2008/>
- Nov 25, 2007 WoWMoM 2008: 9th IEEE International Symposium on A WORLD of WIRELESS, MOBILE, and MULTIMEDIA NETWORKS IEEE June 23-27, 2008, Newport Beach/Irvine, California, USA  
<http://www.ieee-wowmom.org/>
- Nov 26, 2007 HiCOMB 2008: 7th IEEE International Workshop on High Performance Computational Biology held in conjunction with the International Parallel and Distributed Processing Symposium. April 14, 2008 Hyatt Regency Resort Miami Florida, USA. <http://www.hicomb.org/>
- Nov 27, 2007 HIPS 2007 - 13th International Workshop on High-Level Parallel Programming Models and Supportive Environments, held in conjunction with IPDPS 2008, April 14th, 2008, Hyatt Regency Resort in Miami, Florida.  
<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.cs.wcupa.edu/~zjiang/wisp08.htm](http://www.cs.wcupa.edu/~zjiang/wisp08.htm)
- Nov 30, 2007 HPCS 2008: High Performance Computing and Simulation Symposium, part of the SCS Spring Simulation Multiconference (SMC'08) in cooperation with ACM/SIGSIM (pending)  
A joint symposium of DEVS Integrative M&S (DEVS) and High Performance Computing (HPC), April 14-16, 2008, Crowne Plaza Ottawa, Ontario <http://www.cs.vt.edu/hpcs2008/>
- Dec 1, 2007 SMTPS-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/>
- 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>

- Dec 7, 2007 CAC 2008: The Workshop on Communication Architecture for Clusters, To be held in Conjunction with the International Parallel and Distributed Processing Symposium (IPDPS 2008) Miami, Florida, April 14, 2008.  
<http://www.ccs3.lanl.gov/cac2008/>
- Dec 7, 2007 ICAC 2008: The 5th IEEE International Conference on Autonomic Computing Chicago, IL, USA June, 2008  
<http://www.acis.ufl.edu/~icac2008/>
- Dec 14, 2007 HP-PAC 2008: Fourth IEEE Workshop on High-Performance, Power-Aware Computing, in conjunction with The 22th IEEE International Parallel and Distributed Processing Symposium (IPDPS 2008) 14-18 April 2008.  
<http://hppac.cs.vt.edu>
- 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 11, 2008 CSE-08: 9th IEEE International Conference on Computational Science and Engineering, June 25-27, 2008 - Sao Paulo - Brazil  
<http://www.icmc.usp.br/cse08>
- 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](http://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](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>

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 10-13, 2007 Third IEEE International Conference on e-Science and Grid Computing, Bangalore, India  
<http://www.escience2007.org>

Dec18-21, 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](http://www.opodis.net)