

TCPP Sept-07 Newsletter

Dear TCPP member,

Like in each fall semester, I have begun to teach Introduction to Parallel and Distributed Computing course for seniors and first year graduate students. This is students' first formal introduction to the area and they bring in varied backgrounds with lowest common denominator of some discrete mathematics, a few programming courses (for example, C/Unix), and assembly language or an architecture course. Given the fluidity of information and rapid change in our broader area, each year I struggle to pick and choose topics, to find the right balance between theory and practice (architecture, algorithms, applications, programming - models, languages, and platforms), and to select a suitable textbook(s). I do consult with a few colleagues, but most seem to be in the same quandary. It has gotten harder each year, and I wish we had some curricular guidance from the community, or better, a standard core curriculum updated periodically. So, if you have found a reasonable balance, please send me your syllabus for your first introductory course (detailed, if possible). We will archive them for all, if warranted.

Please submit your announcements (CFPs, awards, openings, books, tutorials, software/hardware/educational resources, and products), and news on student or international outreach and other activities, as well as articles of general interest to the community (technical or non-technical) to TCPP-announce@cc.gatech.edu by the month end. We will compile them and disseminate at the beginning of each month. The TCPP-sponsored conferences will have the privilege of getting a few key announcements sent out as stand-alone emails to our 7000-strong membership.

Attached below are the announcements submitted in the past few weeks. I have summarized them for easy access through their hyperlinks.

Regards,

Sushil

Call for Papers

DEADLINE	EVENT
Sept 15, 2007	HIPC WORKSHOPS Workshops held in Conjunction with International Conference on High Performance Computing (HiPC), Goa, India, December 18-21, 2007, http://www.hipc.org/hipc2007/workshops.html
Sept 15, 2007	CSICC' 2008 13th Int'l CSI Computer Conference (CSICC'08) March 9-11, 2008, Sharif University of Technology (SUT), Kish Island, Persian Gulf, IRAN, http://csicc2008.sharif.edu/
Sept 24, 2007	VTDC 2007 Second International Workshop on Virtualization Technology in Distributed Computing (held in conjunction with SC07) November, 12 2007 - Reno, NV http://workspace.globus.org/vtdc07/

- Oct 1, 2007 I-SPAN 2008 The 9th International Symposium on Parallel Architectures, Algorithms and Networks, May 7-9, 2008 Sydney, Australia, Organized by: School of Information Technologies, The University of Sydney <http://www.cs.usyd.edu.au/~ispan08/>
- Oct 1, 2007 MAW-08 The 2008 IEEE International Symposium on Mining the Asian Web (IEEE MAW-08), In conjunction with AINA 2008, Okinawa, Japan March 25-28, 2008 <http://www.ece.uvic.ca/MAW08/>
- Oct 8, 2007 RAW 2008 15th Reconfigurable Architectures Workshop with IPDPS'08 April 14-15, 2008 Miami, Florida, USA www.ece.lsu.edu/vaidy/raw/
- Oct 10, 2007 ICISTM-08 Second International Conference on Information Systems, Technology and Management, March 6-8, 2008, Dubai, UAE Workshop/Tutorial/Panel/Invited Sessions Proposal Deadline: October 15, 2007 <http://www.imt.edu/icistm>
- Oct 10, 2007 15TH Mardi Gras Conference 2008 - <http://www.mardigrasconference.org/> 31 January - 2 February 2008, in Baton Rouge, Louisiana.
- Oct 15, 2007 PCGrid 2008 Second Workshop on Desktop Grids and Volunteer Computing Systems held in conjunction with the IEEE International Parallel & Distributed Processing Symposium (IPDPS) April 18, 2008 Miami, Florida, U.S.A. <http://pcgrid.lri.fr>
- Oct 15, 2007 INA-OCMC Workshop on Interconnection Network Architectures: On-Chip, Multi-Chip <http://www.disca.upv.es/jflich/wina/wina.html> Held in conjunction with the 3rd International Conference on High-Performance Embedded Architectures and Compilers (HiPEAC) <http://www.hipeac.net> conference) in Goteborg, Sweden, January 27, 2008
- Oct 29, 2007 JSSPP 2007 14th Workshop on Job Scheduling Strategies for Parallel Processing, In Conjunction with IPDPS 2008 Miami, FL 18 April 2008 <http://www.cs.huji.ac.il/~feit/parsched/jsspp08/>
- Nov 12, 2007 CCGrid 2008 8th IEEE International Symposium on Cluster Computing and the Grid 18-22 May 2008, Lyon, France <http://ccgrid2008.ens-lyon.fr>
- Nov 20, 2007 NIDISC'08 The 11th International Workshop on Nature Inspired Distributed Computing held in conjunction with The 22th IEEE/ACM International Parallel and Distributed Processing Symposium (IPDPS 2008) 14-18 April 2008 <http://www.lifl.fr/~talbi/nidisc08>
- Nov 15, 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 Workshop Proposal Submission Deadline ---October 1, 2007 <http://www.ieee-wowmom.org/>
- Nov 15, 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

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/>

Call for Paper for Special Journal Issue

=====

Oct 1, 2007 Special Issue on Power-Aware Parallel and Distributed Systems (PAPADS)
IEEE Transactions on Parallel and Distributed Systems,
Guest Editor: Ishfaq Ahmad, University of Texas at Arlington,
Publication: September 2008, Authors should follow the instructions in the
information for authors given at: <http://www.computer.org/portal/site/ieeecs/>
Email: iahmad@cse.uta.edu

Call for Chapters

=====

Sept 15, 2007 Call for Chapters on Localization in Wireless Sensor Networks –
Book Title: Localization Algorithms and Strategies for Wireless Sensor
Networks: Monitoring and Surveillance Techniques for Target Tracking
<http://www.ee.usyd.edu.au/~guoqiang/Research/BookOnLocalizationAlgorithms.htm>
Editors: Guoqiang Mao and Baris Fidan Publishing Details: This book will be
published by IGI Global <http://www.igi-pub.com/> in 2008.

Call for Workshop Proposal

=====

Sept 10 2007 CCGrid 2008 8th IEEE International Symposium on Cluster Computing
and the Grid, 18-22 May 2008, Lyon, France <http://ccgrid2008.ens-lyon.fr>

Call for Participation

=====

Sept 26-28 2007 HPCC-07 The 2007 International Conference on High
Performance Computing and Communications Conference:
Tutorials: 29 September 2007, Houston, Texas, USA
<http://www.tlc2.uh.edu/hpcc07>

Sept 17-20, 2007 Cluster'07 2007 IEEE International Conference on Cluster
Computing, Austin, Texas Omni Austin
Hotel Downtown <http://www.cluster2007.org>

Nov 6, 2007 ACM SenSys 2007 Doctoral Colloquium
<http://www.comp.lancs.ac.uk/~hazas/sensys07dc/>

Dec18-21, 2007

HiPC-07 14th IEEE/ACM International Conference on High Performance Computing, Goa, <http://www.hipc.org>

* Poster Submission Deadline: September 24, 2007

* Advance Registration Deadline: November 07, 2007

Positions Open

=====

Post Docs Positions Open at CITI- Centre for Informatics and IT - FCT/UNL <http://citi.di.fct.unl.pt>

Call for Applications for Awards

=====

September 10, 2007 Sensys 2007 Student Travel Grant Program

<http://sensys.acm.org/2007/Student%20Travel%20Grant.html>