



June 28 -- July 4, 2009

CCT Staff Participate in TeraGrid 2009 Conference

Several CCT faculty, staff members and students attended the fourth annual TeraGrid Conference June 22-25, which took place in Arlington, Virginia. This conference showcases research and education achievements accomplished with TeraGrid resources, and features presentations, papers, demos, poster sessions and visualizations.

Louisiana became a TeraGrid resource provider in late fall 2007 and became fully integrated onto the TeraGrid in February 2008, through the Louisiana Optical Network Initiative's centerpiece computer, Queen Bee.

From the CCT, Erik Schnetter and Gabrielle Allen served as Science Track session chairs. Erik Schnetter and his Cactus team, including Frank Loffler and Oleg Korobkin, gave a half-day Cactus tutorial as part of the TG09 tutorials and a two-hour Introduction to Cactus as part of the Student Day tutorials.

Kathy Traxler was on the TG09 Student Communities committee and arranged the Student Day tutorials, designed for students who wanted a more basic introduction to parallel computing and computational science than the official TG09 tutorials. Isaac and Kathy Traxler facilitated both the computational and programming tracks of the student day program, and also participated in TG09 Bridge Day, which invited middle and high school teachers attending the National Educational Computing Conference to learn about computational thinking for their age group. The Traxlers also helped the HPC Challenge group, who ran a contest throughout the day.

LSU students Oleg Korobkin, Wesley Even, Kevin Tubbs, Sarvnipun Chawla, Qi Fan and Ismail Akturk formed a team for the TeraGrid 09 Programming Contest. Oleg Korobkin, Sarvnipun Chawla and Lei Jiang also presented during the TeraGrid 09 Poster Session.

For more information on this conference, please visit <http://www.teragrid.org/tg09/>.

Pats on the Back:

- Thomas Sterling and Daniel S. Katz have received an award from NSF titled "Increasing Student Participation in Cluster Computing through IEEE Cluster 2009 Attendance." The award is for \$48,375 to cover registration fees, meals,

and travel for IEEE student attendees at Cluster 2009, which will take place Aug. 31-Sept. 4 in New Orleans.

- Tae-Woo Lee has received an award from National Institutes of Health through the University of Delaware titled "Modular Surface Plasmon Resonance Biosensor for In-vitro Determination of Protein." The award is for \$44,106 with a duration of two years.

CCT in the News:

- Welcome to Year 1 AP

Source: HPC Wire

<http://www.hpcwire.com/topic/processors/Welcome-to-Year-1-AP-48967731.html>

- Area artist excels in international competition

Source: Our Town

http://www.ourtownonline.biz/somerset_news/news/local/news400.txt

Please Note:

- All University offices are closed and classes will not be held on Friday, July 3, in observance of the Independence Day holiday.
- Future ALL CCT meetings for summer and the Fall 2009 semester will take place July 15, Aug. 26 (special presentation by LSU Intellectual Property at this meeting), Sept. 23, Oct. 21, Nov. 11 and Dec. 16. All meetings are at 3 p.m. in Johnston 338 unless otherwise announced. Please make every effort to attend these important meetings. If you have news or information you would like presented at these meetings, please e-mail Karen Jones at kjones@cct.lsu.edu.
- SIGGRAPH 2009 will take place in New Orleans Aug. 3-7. CCT will represent the University with a booth at this conference to highlight ongoing research in digital media. For more information on the conference, visit <http://www.siggraph.org/s2009>.
- IEEE Cluster 2009 will take place Aug. 31-Sept. 4 in New Orleans. Daniel S. Katz is general chair, and Thomas Sterling is program chair for Cluster 2009. More information about the conference is at <http://www.cluster2009.org>. Please note the following deadlines for this conference:

Technical paper notification: June 19

Poster submissions: June 26

Poster notification: July 24

Poster camera-ready deadline: July 31

Paper camera-ready deadline: July 31

- Deadlines open for SC09, Nov. 14-20 in Portland, Oregon:

POSTERS/DOCTORAL SHOWCASE/BOFs/CHALLENGE

Due: Monday, July 27, 2009

Notification: Monday, August 17, 2009

SHOWCASE/BOFs/CHALLENGE

Due: Monday, July 27, 2009

Notification: Monday, August 17, 2009

DISRUPTIVE TECHNOLOGIES

Due: Monday, July 27, 2009

Notification: Monday, August 17, 2009

STUDENT VOLUNTEERS/BROADER ENGAGEMENT

Applications Due: Monday, August 3, 2009

Notification: Monday, September 7, 2009

- Registration is now open for the Supercomputing 2009 Education Program at the conference in Portland, which will take place Nov. 14-17. The Education Program helps educators and students learn more about computational science topics and gives educators ideas to bring these topics into their classrooms. The program is open to undergraduate faculty, undergraduate and graduate students, and high school teachers. To register or for more information, please visit <http://computationalscience.org/sc09>.
- If you have any news for the CCT Weekly, please e-mail PR Manager Kristen Sunde directly at ksunde@cct.lsu.edu.

Upcoming Grant Deadlines:

Note: Please see the CCT deadline Web site, as many NSF deadlines are listed here:

<http://www.cct.lsu.edu/about/grants/deadlines/events.php>

- Faculty Early Career Development (CAREER) Program

July 22 2009 10:00 am

At Most \$ 400,000.00

Full Proposal Deadlines by Discipline: July 21, 2009 - BIO, CISE, EHR July 22, 2009 -

ENG July 23, 2009

<http://www.nsf.gov/pubs/2008/nsf08557/nsf08557.htm>

- Information and Intelligent Systems (IIS): Core Programs

August 30 2009 10:00 am

At Most \$ 3,000,000.00 available

http://www.nsf.gov/pubs/2009/nsf09557/nsf09557.htm?govDel=USNSF_25

- Computing and Communication Foundations (CCF): Core Programs

August 30 2009 10:00 am

At Most \$ 3,000,000.00 available

http://www.nsf.gov/pubs/2009/nsf09555/nsf09555.htm?govDel=USNSF_25

- CISE Cross-Cutting Programs: FY 2010

August 30 2009 10:00 am

At Least \$ 3,000,000.00 available

http://www.nsf.gov/pubs/2009/nsf09558/nsf09558.htm?govDel=USNSF_25