June 21-27, 2009

Professor Thomas Sterling's research group, in collaboration with CCT faculty and staff, hosted the second Beowulf Boot Camp on the LSU campus June 15-19, with 23 students and one teacher from 14 Louisiana high schools participating.

During the camp, students worked hands-on with University researchers to learn basic supercomputer skills. The students worked in small groups to build computer clusters from scratch, then connected the clusters together to form a mini supercomputer. The students developed and ran basic applications, and learned how to program using Python.

At the end of the camp, the students conducted an HPC Challenge to see how the mini supercomputer they built measured up against the largest and fastest supercomputers in the world.

CCT hosted a banquet for the students and their parents on Friday, June 19, to honor their achievements. Professor Sterling presented the students with certificates of completion for the camp, and the students heard testimonials from Professor Sterling and undergraduate research student Phillip LeBlanc, who attended the first Beowulf Boot Camp in 2007, encouraging them to consider attending college at LSU, and to consider computational science as a field to study.

In future years, CCT hopes to work with other universities through the Louisiana Optical Network Initiative to offer the summer camp outreach to more students throughout the state.

Pats on the Back:
- Susanne Brenner has been appointed to the Scientific Committee for the International Centre for Pure and Applied Mathematics (CIMPA), a UNESCO center established in Nice, France in 1978. The aim of CIMPA is to promote international cooperation in higher education and research in mathematics and related subjects, particularly computer science, for the benefit of developing countries.

CCT in the News:
- The Essential ISC
Source: HPC Wire
http://www.hpcwire.com/blogs/The-Essential-ISC-48555697.html

Please Note:

- The current fiscal year ends June 30, 2009. If you have questions about your grant accounts or other fiscal matters that need to be resolved prior to the year's end, please contact the CCT Budget Office.

- Future ALL CCT meetings for summer and the Fall 2009 semester will take place July 15, Aug. 26, 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. Early registration deadline to attend SIGGRAPH is June 26. 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, 200
  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