LONI, LSU Staff Provide Networking Support for Supercomputing 2010

The Louisiana Optical Network Initiative, or LONI, Management Council formally endorsed LONI and LSU staff support for Supercomputing 2010, which will take place Nov. 13-19 in New Orleans, at its January meeting.

Supercomputing is the premier international conference on high-performance computing and its related tools, technologies and applications. LONI’s Director of Networking, Lonnie Leger, and LSU Networking Consultant Carl Brandt will be the lead personnel creating the SciNet Wide-Area Network (WAN) for the overall conference.

Supercomputing 2010, or SC10, will take place in the Ernest N. Morial Convention Center in downtown New Orleans. Brandt and Leger will work with the conference on planning and logistics throughout the year to ensure adequate networking operations and support, and will begin building the network on-site in September.

“We are honored that Supercomputing will take place in our state, and we wanted to formally endorse staff efforts so LONI and Louisiana’s higher education institutions can show their support for this event,” said Les Guice, LONI Management Council chairman. “As we continue preparations for the next several months, we look forward to more opportunities to use Louisiana’s networking and high-performance computing technologies to benefit the conference.”

LONI is a high-speed, fiber optic network that connects supercomputing resources among six universities and the two LSU health sciences centers in state. LONI connects Louisiana to the National Lambda Rail and is one of 11 resource providers on TeraGrid, the backbone of national cyberinfrastructure. More information about LONI is available at http://www.loni.org.

For more information on SC10, please visit http://sc10.supercomputing.org.

Pats on the Back:
• Dr. Juana Moreno received an award from the National Science Foundation titled "REU Site: Interdisciplinary Research Experience in Computational Sciences" in the amount of $253,518 for 36 months. This project was an effort among Juana Moreno, Gabrielle Allen, Bety Rodriguez-Milla and Kathy Traxler. CCT faculty Stephen David Beck, Susanne Brenner, Mark Jarrell, Shantenu Jha, Jorge Pullin, Ram
Ramanujam, Thomas Sterling, and Chris White, among others, will lead the REU summer projects.

CCT in the News:
LSU-Led HPC Course Enters Fourth Year
Source: HPC Wire

Please Note:

• LSU’s Department of Physics & Astronomy and CCT will host an afternoon of free, family friendly activities on Saturday, March 27, at the Highland Road Park Observatory, 13800 Highland Road, from 2 p.m. to 6 p.m. as part of NanoDays, a national event of educational programs about nanoscale science and engineering coordinated through the Nanoscale Informal Science Education Network. NanoDays will feature several hands-on activities for children of all ages, and two prominent nanoscience researchers will speak about their work. At 3 p.m., Kristen Buchanan of Colorado State University, will talk about "Nanomagnetism" and its application to hard drives. At 4 p.m. Jayne Garno, Ph.D., of LSU, will present "Nano Theater," showing images of nano-objects captured in her lab. For more information, contact Juana Moreno at Moreno@lsu.edu, or visit http://www.cct.lsu.edu/LSUNanoday.

• CCT, AVATAR Initiative and the Red Stick International Animation Festival are hosting LSU Get Animated! Summer Camp, June 7-11, at the Shaw Center for the Arts in downtown Baton Rouge. The camp is currently taking applications, so please pass on the word to any Baton Rouge-area high school students with whom you work. Students can visit http://www.cct.lsu.edu/animate for more details and to get the necessary materials to register.

• Please remember to send your news concerning grants, awards, conferences, or other pertinent information to PR Manager Kristen Sunde at ksunde@cct.lsu.edu.

• Follow CCT with social media to access photos and see news, events or updated information. Both these pages are public; you do not need a Facebook or Twitter account to view the information.

Facebook group: LSU Center for Computation & Technology
Twitter @ LSUCCT

Upcoming Grant Deadlines:
• Software Development for Cyberinfrastructure (SDCI)
  February 26 2010 10:15 am
  At Most $ 3,000,000.00 available
Proactive Recruitment in Introductory Science and Mathematics (PRISM)
March 08 2010 10:15 am
At Most $ 600,000.00 available

- Integrative Graduate Education and Research Traineeship Program (IGERT)
  March 29 2010 10:15 am
  At Most $ 3,000,000.00 available

Strategic Technologies for CyberInfrastructure (STCI)
April 21 2010 10:15 am

Future Internet Architectures (FIA)
April 22 2010 10:15 am
At Most $ 9,000,000.00 available

2010 NSF MRI
April 21, 2010 5 p.m.

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