November 13 – November 19, 2011

LSU CCT Captivated Audience at 10th YR Celebration

The LSU Center for Computation & Technology, or CCT, recently held it's 10th Year Celebration event, an event which highlighted the Center's recent and future activities and collaborations from its birth in 2001 as "LSU CAPITAL" to the vibrant center for interdisciplinary computational research, training, and economic development.

The all day event, held on October 26, 2011, highlighted computational mathematics, blackhole research, parallel computer architectures, the future of hardware, material science, digital media and tangibles, and economic development, to name a few. An official statement was also issued from Gov. Bobby Jindal giving special recognition to the CCT in acknowledgement of their 10th Anniversary.

LSU faculty, staff and students were encouraged to participate in the sessions to learn more about the CCT's activities.

"We want to emphasize that the CCT strives to enhance the broad computational and technological capabilities of research groups across LSU and the State" said Joel E. Tohline, director of the LSU CCT.

"We facilitate large multi-disciplinary collaborations, supporting efforts to target major funding opportunities at both the state and national levels. We also provide training for students, research staff, and faculty so that they can utilize available high-bandwidth optical networks, advanced hardware and software tools, and technological innovations to support forefront research and creative activities."

"We hope research groups across the campus took some time to visit with us at our 10th Year Celebration to see who we are, and to ask how we might engage with them."

There are various ways to get involved with the CCT. In addition to the Center's research enablement program, CCT hosts approximately 80 lectures and/or conferences & training workshops annually bringing world-class scholars, educators, executives and entrepreneurs to LSU and the Baton Rouge area to share their experience in and vision for the future in various disciplines. K-12 educational programs are also provided, promoting careers in science, technology, engineering, arts, and mathematics.

For more information on the LSU CCT, visit: http://www.cct.lsu.edu/home. Or, to

receive notices of the CCT's lectures, events and programs, send an email to events-request@cct.lsu.edu with subject "Subscribe" to subscribe to the events mailing list.

Lectures this week:

TUESDAY--
There will be a Computational Mathematics Seminar Series lecture on "Optimization of Flapping Based Locomotion" by Shawn W. Walker, LSU. The lecture will take place Tuesday, November 15 at 3:30 pm in 338 Johnston Hall.

CCT in the news:

International Animation Festival to hold fall retrospective today
Source: LSU Reveille

Red Stick International Animation Festival releases schedule for Fall Retrospective
Source: NBC33 News

LSMS/LSU Joint Study Details Lack of EMR Adoption by Louisiana Physicians
Source: LSU Office of Communications & University Relations
        insurancenewsnet.com

Doctors mistrust electronic records
Source: The Advocate

LSU CCT to Showcase Computational Applications at Supercomputing 2011 in Seattle
Source: LSU Office of Communications & University Relations

Please Note:

• The newly released 2011 *Components* can be found at:
  https://www.cct.lsu.edu/site256.php

• We are pleased to launch a bi-weekly CCT Tech Talk Series to promote hardware design, software and tools development, and research enablement efforts at CCT. We hope to enable and facilitate more development and effective use of advanced cyberinfrastructure (CI)-based computational science tools to significantly boost innovation and discovery in all disciplines and interdisciplinary fields across LSU. The goals of this series are to encourage inter-group collaborations, incubate new projects, and seek funding opportunities for multi-disciplinary collaborative research. As mentioned above, incubating new projects is one of our goals of the planned talks.

Currently, there are two projects for which several of the researchers at CCT are seeking campus wide collaboration:
1. Domain specific language and equation description language for code generation.
2. Large scale DG-FEM programming framework on unstructured meshes.
Please contact Honggao Liu (honggao@cct.lsu.edu)if you are interested in either of the projects or you are incubating a new project.

- Submissions for the 2012 Red Stick International Animation Festival are now being accepted thru January 6th. Visit http://www.redstickfestival.org/competition/submissions/ for details.

- **Post Your Part-time Jobs for FREE through Careers2Geaux:** Now that school is back in session, our students looking for part-time jobs. Through Careers2Geaux, you may post any position type, including your part-time opportunities, for FREE! This system is password-protected and available to LSU students, faculty, staff, and registered alumni 24 hours a day, seven days a week. To list your position(s) in Careers2Geaux, click the Careers2Geaux link https://lsu-csm.symplicity.com/employers and follow the instructions for creating an account. Once you enter the information for your position, the status of your posting will remain "pending" until reviewed by a staff member. Open positions are posted for 45 days. If you have any questions, please contact Amy Caillouet, Administrative Coordinator, at 225-578-2162 or email at amyc@lsu.edu.

- Prior approval is required for Special Meal Requests. Employees who make meal purchases without prior approvals may find that they must cover the cost of any monies spent for an unapproved event out of pocket. Dine-in restaurant meals are not allowed on LaCarte credit cards. Please contact Susie McGlone (susie@cct.lsu.edu) prior to any special meal with visitor(s) to file the appropriate request for approval. Prior approval could take up to two weeks, so please plan accordingly.

- Please remember to send your news concerning grants, awards, conferences, or other pertinent information to CCT Event Coordinator Jennifer Fontenot at jennifer@cct.lsu.edu

- Follow CCT with social media to access photos and see news, events or updated information. These pages are public; you do not need an account to view the information.
    - Facebook group : LSU Center for Computation & Technology
    - Twitter : LSUCCT
    - YouTube channel : LSUCCT

Interest groups:
- **MAG (Mobile App-Art-Action Group)**: Everyone interested in the potential for Mobile Apps is invited to come and add their vision for these revolutionary devices. Meetings are scheduled December 7th, 5:00-6:00 pm. For more information, visit http://www.cct.lsu.edu/site.php?pageID=63&newsID=1402

- o   Contact: Jesse Allison (jtallison@lsu.edu)

- **GPU**: meets weekly (Wednesdays @ 2:30 pm in 338 Johnston) and encourages participation from anyone who would like to join in the discussions. Join the mailing list: lasigma-gpu@loni.org
  - o   Contact: Bhupender Thakur (bthakur@cct.lsu.edu)

Upcoming events:
November 12-18: SC11
November 16: Training: Electronic Structure Calculations in Quantum Chemistry
November 30: Training: Scientific Workflow & Viz in VisTrails
Thru January 6, 2012: Red Stick International Animation Festival "Best of the Fest" accepting entries
January 20-21, 2012: Scientific Computing Around Louisiana Workshop
April 15-17, 2012: Symposium on Laptop Ensembles & Orchestras

Upcoming Grant Deadlines:
Note: Please check the CCT deadline Web site, since it is updated daily.

Sustainability Research Networks Competition (SRN)
December 1, 2011 10:00 am
At Most $ 12,000,000.00 available

Software Infrastructure for Sustained Innovation (SI2) Scientific Software Innovation Institutes (S2I2)
December 14, 2011 10:00 am
At least $500,000.00 available