



**June 17 – June 23, 2012**

### **LSU CCT Offers App Training**

Studies show that the explosion of mobile applications has contributed approximately 500,000 jobs to the U.S. job market. Furthermore, the "app economy" is expected to continue rising for many years to come, becoming one of the fastest growing industries. Louisiana is in a prime position to capitalize on this burgeoning app economy through its Digital Media Incentives, and LSU is primed to help.

In an effort to enable Louisiana professionals and students to engage in the app arena, the LSU Center for Computation & Technology (CCT) will offer iOS App Training this summer. Two sessions will run: 1) professionals, which includes those with some programming background, to be held at the Louisiana Technology Park July 23-28; and 2) LSU students, held on the LSU campus July 30-August 10.

Both training sessions will include entrepreneurial aspects as well as hands-on training. Participants will work in groups to create an app that will be deployed on their own iPhones, iPods, or iPads by the end of the camp.

"App development is not merely bridging traditional disciplines, but cutting across the entire globe. Its influence affects traditional media, journalism, music, social communication, entertainment, and navigation, just to get started," said Jesse Allison, assistant professor of experimental music & digital media. "With the explosion of mobile device usage, especially in developing countries, in a very short amount of time it will be difficult to find people whose lives are not directly affected by mobile computing, and more importantly by the apps we dream up for them."

For more information or to register for the camp, visit: <http://www.cct.lsu.edu/cct-events>.

The LSU Center for Computation & Technology is an innovative and interdisciplinary research environment for advancing computational sciences, technologies, and the disciplines they touch. The Center serves Louisiana through international collaboration, leading progress through revolutionary advancement in academia and industry.

#### **Pats on the Back:**

- Honggao Liu, Hartmut Kaiser, Steve Brandt, Ram Ramanujam, and Mark Jarrell received an award from NSF titled "II-NEW: Shelob - A Heterogeneous Computing Platform to Enable Transformation of Computational Research and Education in the State of Louisiana." The award is for \$539,999 for three years.

**CCT in the News:**  
**Louisiana State University CUDA Research Center Summary**  
Source: [NVIDIA](#)

**Please Note:**

- Reminder: The University is still in a spending freeze. State appropriated funds included in the University's FY 2011-12 Operating Budget identified with a zero "0" in the sixth digit of the account number are subject to the spending freeze. Start-up and cost sharing accounts are exempt. Please contact Theresa Markey ([tmарkey@cct.lsu.edu](mailto:tmарkey@cct.lsu.edu)) with any questions/concerns.
- The LSU Center for Computation & Technology will host the **LSU iOS App Boot Camp** for its second year, **July 30-August 10, 2012**, (10 day camp; not including weekends), on the LSU Campus. This educational experience will offer LSU undergraduate students the opportunity to gain knowledge while enhancing their entrepreneurial spirit. Participants will work in groups to create their own functional iOS app and have it loaded on their personal device by end of camp. Post-camp programs to expand and hone new skills will also be available. Registration and more information can be found at: <https://www.cct.lsu.edu/ios-abc>
- The Louisiana Technology Park and LSU Center for Computation & Technology will host the iOS Application Workshop for Professionals **July 23-28, 2012** (6 day camp, Monday thru Saturday), at the Louisiana Technology Park located at 7117 Florida Boulevard, Baton Rouge. This new educational experience offers professionals hands-on training in basic techniques to create and deploy mobile applications on iphones, ipods, and ipads. For more information and to register, visit: <http://cct.lsu.edu/events/ios-app-workshop-professionals>
- The Virtual School of Computational Science and Engineering (VSCSE) is excited to announce three Summer School courses for 2012. The VSCSE provides courses and learning resources to help computational science students use emerging petascale computing resources to address real domain science problems. The summer courses for 2012 are:
  - **Programming Heterogeneous Parallel Computing Systems (July 10 - 13, 2012)--\*\*located at LSU CCT**
  - **Science Cloud Summer School (July 30 - August 3, 2012)--\*\*located at LSU CCT**
  - **Proven Algorithmic Techniques for Many-core Processors (August 13 - 17, 2012)**

These courses will be delivered to a number of sites nationwide using high definition video conferencing technologies, allowing students to travel to a number of convenient locations where they will be able to work with a cohort of fellow computational scientists, have access to local experts and interact virtually

with course instructors. Registration fees for these courses are \$100\* and help the host sites offset their hospitality and facility costs.

Please visit <http://www.vscse.org/summerschool/2012/> for more information and the full site list or <http://hub.vscse.org> to register today!

- Student Volunteer applications opened April 1, 2012 and will be available at the SC12 Submissions site: <http://submissions.supercomputing.org/>. Applications close on July 31, 2012. International attendees who will require a travel visa are strongly encouraged to apply as early as possible. For more information on the Student Volunteer program and other student-related programs at SC12, visit: <http://sc12.supercomputing.org/content/student-volunteers>. Contact: [student-vols@info.supercomputing.org](mailto:student-vols@info.supercomputing.org)
- 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](mailto: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](mailto: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. For more information visit: <http://www.cct.lsu.edu/MAG>
  - Contact: Jesse Allison ([jtallison@lsu.edu](mailto:jtallison@lsu.edu))
- **GPU**: meets weekly (Thursdays @ 12:30 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](mailto:lasigma-gpu@loni.org)
  - Contact: Zhifeng Yun ([zyun@cct.lsu.edu](mailto:zyun@cct.lsu.edu))

#### **Upcoming events:**

May 29- July 28: [REU Computational Sciences](#)

May 29- July 28: [REU Materials Science](#)

June 18-22: [Alice in Computation Land Summer Camp](#)  
July 9-13: [Beowulf Boot Camp for High School Teachers & Students](#)  
July 10-13: [Programming Heterogeneous Parallel Computing Systems](#)  
July 23- 28: [iOS App Workshop for Professionals](#)  
July 30-August 3: [Science Cloud Summer School](#)  
July 30- August 10: [LSU iOS App Boot Camp for Undergraduate Students](#)