January 27 – February 2, 2013

Pats on the Back:
- Georgios Veronis received an award from NSF titled "CAREER: Physics-based modeling techniques to enable high-performance nanoplasmonic devices." The award is for $400,000 for five years.

- Mayank Tyagi received an award from Shell titled "Modeling of Refluxing in Subsurface Wellbores." The award is for $186,694 for three years.

Lectures This Week:
TUESDAY –
There will be a Computational Mathematics Seminar Series lecture on "Numerical Solution of the Optimal Transportation Problem Via Viscosity Solutions of the Monge-Ampere Equation" by Brittany Froese, University of Texas at Austin. The lecture will take place on Tuesday, January 29th at 3:30 PM in 338 Johnston Hall.

Please Note:

- The Beowulf Bootcamp is open for registration. CCT will host the sixth Beowulf Boot Camp July 8-12 on the LSU campus. This exciting course offers students and teachers a unique opportunity to work with advanced research technology not usually available in a typical classroom setting. During Beowulf Boot Camp 2013, students will work hands-on with a number of LSU professors as they learn how to build and use supercomputers.
  - **WHO:** Louisiana High School Students, Baton Rouge Community College Students, and Louisiana Teachers
  - Students will engage in the following activities:
    - building a computer cluster from scratch
    - installing the Linux operating system on the computer they've built
    - connecting computers put together by their peers to make a mini-supercomputer
    - learning how to program a mini-supercomputer in parallel with Python
    - interactive activities to help understand how Parallel computing works in Supercomputing
    - running performance benchmarks to determine how your cluster ranks in comparison with the fastest and largest supercomputers in the world
  - This camp is introductory so students do not need a strong computational science background to participate. Some knowledge of programming a

plus.
- o For more information and to register, visit
  http://www.cct.lsu.edu/beowulfcamp2013

- **LSU Science Café**- Join us at Chelsea's (2857 Perkins Road - chelseascafe.com) on **Jan. 29** for the first of LSU's Science Cafe series, where you can get up close and personal with some of the university's leading faculty. Networking and giveaways start at 5 p.m., but the event kicks off at 6 p.m. Appetizers will be provided.

  Our first guest will be Prosanta Chakrabarty, curator of fishes at LSU's Museum of Natural Science, who will share stories of cave diving in Madagascar, combing fish markets in Taiwan and discovering new species all around the world and even right here in the Gulf of Mexico.

  For details or to ask questions, contact Ashley Berthelot, aberth4@lsu.edu or visit http://www.lsu.edu/researchnews.

- Registration is open for Finite Element Circus & Rodeo, March 8-9, 2013, at Louisiana State University. For more information and to register, visit http://www.cct.lsu.edu/events/finite-element-circus-rodeo.

- Registration is now open for **SCALA 2013: Scientific Computing Around Louisiana.** SCALA will be held at Tulane University in New Orleans, February 15-16, 2013. Tulane University's Center for Computational Science and the LSU CCT will co-sponsor, for the fourth time, a meeting to: (1) highlight cutting-edge topics in scientific computing, (2) showcase the research at Louisiana institutions and, (3) promote collaborations across the state of Louisiana. This meeting is open to any faculty, post-doctoral researcher or student from any college in and around Louisiana. For more information and to register, visit http://tulane.edu/sse/ccs/news/scala-2013.cfm.

- Executive Vice Chancellor & Provost Stuart Bell has issued the call for nominations for the *2013 Distinguished Faculty Awards*. LSU is proud of its world-class faculty, and we look forward to recognizing outstanding work among colleagues. Special thanks go to the LSU Alumni Association, the LSU Foundation, and the Tiger Athletic Foundation for their continued support. More information can be found here. Nomination packets are due through academic deans to Academic Affairs by **Feb. 1, 2013**.

- 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.
  - o Facebook group : LSU Center for Computation & Technology
  - o Twitter : LSUCCT
  - o 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.
  - o Spring 2013 semester MAG meeting schedule; 4:30- 6:00 pm, 338 Johnston Hall:
    - ▪ February 28
    - ▪ March 21
    - ▪ April 18

  - o **Weekly MAG Lab Time**- Fridays, 9:00 AM-Noon: MAG collaborative work time- 16 Johnston Hall
    - ▪ Come, design, plot, scheme, dream, work on your mobile projects with people around to provide help, feedback, and encouragement.

  - o For more information visit: http://www.cct.lsu.edu/MAG
  - o Contact: Jesse Allison (jtallison@lsu.edu)

Upcoming events:
February 15- 16, 2013: Scientific Computing Around Louisiana Workshop
February 21: Apple At-Home Work Program for Students—Informational Meeting
March 1: REU- Computational Sciences Applications Due
March 1: REU- Materials/LA-SiGMA Applications Due
March 1: RET- Research Experiences for Teachers Applications Due
March 8-9: Finite Element Circus & Rodeo
Apply for positions w/Apple (for Students): At-Home Advisor program