



Jan. 17-23, 2010

CCT to Host 17th Annual Mardi Gras Conference Feb. 11-14 on Campus

CCT will host the 17th Annual Mardi Gras Conference on “Computational Materials and Methods” Feb. 11-14 at the Lod Cook Alumni Center.

The Mardi Gras Conference will bring together researchers and workers in this broad area of computational materials science to introduce both groups to the current state of the field and future developments, foster information exchange and enable community building among faculty and students at different institutions.

The conference features tutorial presentations, posters, in-depth discussions and demonstrations in addition to several invited speakers. The list of invited presenters is available at <http://www.mardigrasconference.org/invite.php>. Conference participants will travel to New Orleans on Saturday, Feb. 13, to see the Endymion Mardi Gras parade.

Registration fee is \$400 by Jan. 26, 2010, or \$450 for participants who register after that date. Conference fee is \$100 for LSU participants. A limited amount of travel support of up to \$500 per person is available for graduate students and postdoctoral researchers who wish to attend.

CCT is hosting this conference with support from the LONI Institute and the Institute for Complex Adaptive Matter, and organizational support from faculty with the LSU Department of Physics & Astronomy.

Nearly 70 attendees from around the world will attend the conference to present papers on topics including advances in hardware and software, computational approaches to strongly correlated electronic systems, computational modeling of biological materials, classical methods of simulation, and computational approaches to reactions and catalytic processes.

To learn more about the conference or register online, please visit www.mardigrasconference.org.

CCT in the News:

LSU CCT to Host 17th Annual Mardi Gras Conference

Source: [HPC Wire](#)

Lectures This Week:

- Jason Howell, postdoctoral associate in The Center For Nonlinear Analysis and the Department Of Mathematical Sciences at Carnegie Mellon University, will give a special guest lecture on “Dual-Mixed Finite Element Methods For Fluids” Tuesday, Jan. 19 at 3:30 p.m. in Johnston 338.
- Shawn W. Walker of New York University will give a special guest lecture on “Shape Optimization of Peristaltic Pumping” on Thursday, Jan. 21 at 2 p.m. in Johnston 338.

Please Note:

- 2010 marks LSU’s 150th (sesquicentennial) anniversary, and the University will host a series of events throughout the year to mark this special occasion. The sesquicentennial launch celebration, “LSU 150:The Year Ahead” will take place Tuesday, Jan. 19 at 12:15 p.m. in front of Memorial Tower, or in LSU Student Union’s Live Oak Lounge in case of rain. This event will feature presentations by Chancellor Michael Martin and current and former University leaders, a performance from the LSU School of Music, and a special, commemorative birthday cake. This event is free and open to all who wish to attend.
- Spring 2010 semester courses begin Tuesday, Jan. 19. If you have questions concerning student worker hours for the semester, please contact Brittany Juneau at bjuneau@cct.lsu.edu.
- CCT and Tulane University’s Center for Computational Science will host Scientific Computing Around Louisiana (SCALA) at LSU Feb. 5-6, 2010. This is an inaugural meeting to highlight cutting-edge topics in scientific computing, showcase research from Louisiana institutions, and promote collaboration across the state of Louisiana. Professor Susanne C. Brenner of LSU and Professor Lisa J. Fauci of Tulane are organizing this meeting. To register (free, but required) or learn more, please visit <http://www.cct.lsu.edu/scala2010>.
- 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:

- RFP--Amendment--Communications and Networking Technology
February 16 2010 10:00 am

- RFP--Amendment--Defense Sciences Research and Technology
February 16 2010 10:00 am
- [Software Development for Cyberinfrastructure \(SDCI\)](#)
February 26 2010 10:15 am
At Most \$ 3,000,000.00 available

Note: Please see the [CCT deadline Web site](#), as many NSF deadlines are listed here.