



July 11-17, 2010

Red Stick Extends Deadline for 2010 Best of the Fest Submissions to Aug. 6, 2010

Red Stick International Animation Festival has extended the deadline for its 2010 Best of the Fest competition, and will accept entries through Friday, Aug. 6, 2010.

Initially, the festival was accepting entries through July 1, but extended the deadline to coincide with Red Stick International Animation Festival's presence at the SIGGRAPH conference in Los Angeles July 27-30.

"Red Stick staff participate in SIGGRAPH every year, and we always get lots of interest from conference attendees who want to submit their work for Best of the Fest," said Stephen David Beck, Ph.D., Red Stick International Animation Festival Host. "This year, with Red Stick moving from spring to fall, our submissions period is taking place at a different time, but we wanted to continue taking entries through August so we could solicit participation at SIGGRAPH again."

Best of the Fest is an annual part of festival events, and top entries are screened throughout Red Stick for audiences to enjoy. Red Stick jurists announce Best of the Fest winners at an awards ceremony during the festival, which this year will take place Nov. 11-13, 2010, in the downtown Baton Rouge Arts District.

The festival awards a "Red Baton" to the top work in each category and this year, Red Stick will introduce a "Gold Baton" award for the overall best entry.

"We have always recognized the best film in each of our entry categories, but we wanted to create an overall award, similar to those other festivals have, that recognizes one work as the best entry we received across all categories for Red Stick 2010," said Stacey Simmons, Ph.D., Red Stick International Animation Festival Director. "We will premiere this new award at Best of the Fest for our sixth annual festival."

Red Stick accepts work from students, amateurs or professionals for the Best of the Fest competition, and participants can enter in multiple categories. There are seven categories for this year's Best of the Fest competition:

- Animated Short Film (student and professional)
- Music Video
- Scientific Visualization

- Animation for Commercials
- Animation for Games
- Animation for Young Audiences
- Experimental Animation/Visual Music (student and professional)

There is no entry fee for the competition. Animations should be no longer than nine minutes, and the work must have been created within the past two years. The festival accepts 2-D, 3-D and hand-drawn animation, and participants must submit work in DVD or DV (NTSC only) format. Further details about the submission process are available at <http://redstickfestival.org/entries.asp>.

Participants first must register their work online to enter the competition. After filling out the online registration form via the link at <http://redstickfestival.org/entries.asp>, participants can send materials and inquiries to Red Stick International Animation Festival – LSU, 216 Johnston Hall, Baton Rouge, LA, 70803.

The festival received a record 435 entries from 45 countries for its 2009 Best of the Fest competition.

For more information on Red Stick, please visit www.redstickfestival.org.

Pats on the Back:

- Jorge Pullin, Erik Schnetter, Christian Ott and Ernazar Abdikamalov gave talks last week during the 19th International Conference on General Relativity and Gravitation (GR19), which took place in Mexico City July 5-9. This conference happens every three years, and is the premiere international conference for researchers working in numerical relativity, astrophysics and related areas.

CCT In The News:

Animation Festival Extends Deadline for Submissions

Source: 2theadvocate

CCT Welcomes:

Please Note:

- 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, especially now that state funds are under a spending freeze. Please contact Susie Poskonka (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 one week, so please plan accordingly.
- HPC@LSU is offering assistantships for graduate or undergraduate students. HPC@LSU offers a great environment in which to learn about high performance computing (HPC), and gain experience with the various support activities. The work

ranges from vetting user account and password requests, to trouble shooting user problems with application development tools and job scripting. The depth of involvement is limited only by interest and willingness to learn. Starting stipend is dependent on experience. HPC@LSU will award up to three assistantships. Interested students should submit an e-mail outlining their interests and background experiences to Jim Lupo, HPC User Services Manager, at jalupo@cct.lsu.edu. Applications will be considered through Aug 6, 2010.

- LSU Day, a celebration of the University's sesquicentennial anniversary that highlights the various research and education accomplishments of different areas of campus, will take place on Saturday, Nov. 13, concurrent with LSU Homecoming. This event originally was scheduled for April 24, but the University canceled it because of severe weather. At LSU Day, CCT will host an exhibit showcasing student research projects and visualization work. If you would like to participate, please contact CCT PR Manager Kristen Sunde at ksunde@cct.lsu.edu.
- **Supercomputing Conference 2010 Information and Deadlines:**
 - Follow SC10 with social media to get the latest news, information, and deadlines -- Twitter @ SuperComputing; Facebook group: SC10.
 - This year, SC10 is adding a special communities track on workforce development, which will bring experts from industry and academia together to collaborate on ways to address the upcoming shortage of skilled high-performance computing researchers and practitioners. The conference is now taking submissions for papers and panel proposals in this area. The deadline to submit these materials toward the workforce development communities program is Thursday, July 15. All submissions should be uploaded to the SC10 submissions site at <https://submissions.supercomputing.org>.
 - SC10 is seeking submissions for posters and ACM student posters that display cutting-edge, interesting research in high-end computing, storage, networking and analytics. Posters provide an excellent opportunity for short presentations and informal discussions with conference attendees. Posters will be prominently displayed for the duration of the conference, giving presenters a chance to showcase their latest results and innovations. One poster will be honored with a Best Poster Award. A limited number of active displays will be part of the poster session. Students who are ACM members also are encouraged to submit posters as part of the ACM Student Research Competition (SRC), with awards and special recognition at SC10 plus the chance to compete in the SRC grand finals. Submissions are due July 15, 2010. For questions, contact: posters@info.supercomputing.org, or visit the submission site, <http://submissions.supercomputing.org>.
 - A Symposium on High Performance Computing Workforce Development will take place during SC10, Nov. 16-18, 2010. This symposium will address the

skills, training and expertise needed to develop a strong, effective high-performance computing-based workforce. The symposium now is accepting paper submissions and proposals for panels that address high-performance computing and cyberinfrastructure workforce development. Suggested topics include current problems, proposed or demonstrated solutions, and future considerations. Papers should not be longer than 10 pages, and panel suggestions should include a 150-word maximum abstract. Paper and panel submissions are due July 15, 2010 at the SC10 submission site, <http://submissions.supercomputing.org>. The program committee will review each submission, and notify participants of acceptance by Aug. 15, 2010.

- The SC10 Doctoral Research Showcase invites Ph.D. students in high-performance computing, networking, storage, analytics, and visualization who anticipate graduating within a year to submit a short summary of their research for consideration toward the conference program. Those selected will have an opportunity to present a 15-minute summary of their research to experts from academia, industry and research laboratories. Students should submit a single page summary of their doctoral research, along with a publications list and three slides on their key findings and results for consideration by Monday, July 26. For more information, please contact doc-showcase@info.supercomputing.org, or visit the Web site, <http://sc10.supercomputing.org/?pg=doctsc.html>.
- The SC10 Education Program is now accepting applications for travel support to attend the conference, which will take place Nov. 13-19 in New Orleans, Louisiana. The program is open to undergraduate faculty, undergraduate and graduate students, and high school teachers interested in learning how to use supercomputing and computational science in their classrooms. Participants are encouraged to stay through the entire conference, where they will be engaged in hands-on activities to encourage them to apply computational science, grid computing and high-performance computing resources in education. The deadline to apply for the SC10 Education Program event is July 31. For more information, please visit <http://sc10.supercomputing.org/?pg=edprog.html> or e-mail education@info.supercomputing.org
- The SC 10 Education Program introduces undergraduate faculty and pre-college educators to HPC and computational tools, resources and methods. During a four-day, intensive workshop at the conference, educators learn ways to integrate HPC and computational techniques into their classrooms and research programs. Special events scheduled for SC10 include a teacher's day and support for high school field trips. Limited travel support is available; those who do not receive travel support may participate by paying a separate registration fee. Travel support applications are due July 31; details are available at: <http://sc10.supercomputing.org/?pg=edprog.html>. For more information, email: education@info.supercomputing.org.

- The SC10 Broader Engagement Program, which offers students, faculty and professionals from groups traditionally underrepresented in high-performance computing an introduction to SC through networking and technical sessions, is now taking applications. Participants will attend sessions immediately preceding the conference that provide an introduction to and professional development in HPC and computational science. Community building activities include the mentor /protégé program, which matches Broader Engagement and Student Volunteer protégés with self-identified mentors attending SC. As part of the Broader Engagement Program, the SC10 Student Job Fair will take place from 10:30 a.m. to 1:30 p.m. Wednesday, Nov. 17. Applications for participation grants in Broader Engagement are due Aug. 16. Details are available at: <http://sc10.supercomputing.org/?pg=broadeng.html>. For more information, email: be@info.supercomputing.org
- Applications for Student Volunteers for [SC10](#) are now being accepted. The deadline to apply is Sunday, Aug. 27. **The conference already has half of its needed volunteers, so interested students are encouraged to sign up now to be part of this program.** Undergraduate and graduate students are encouraged to apply as volunteers to help with the administration of the conference. In exchange, students will receive complimentary conference registration, housing (for out-of-town volunteers) and some meals. Volunteers will be expected to be available for a total of 4-5 hours of work per day during the week of the conference, which will take place Nov. 13-19 in New Orleans. Successful applicants will be notified of their acceptance by Sept. 30. If you have any questions please e-mail student-vols@info.supercomputing.org.
- 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. 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

Upcoming Grant Deadlines:

Note: Please check the [CCT deadline Web site](#), since it is updated daily.

Apply for computational time on TeraGrid by July 15, 2010

Source: [TeraGrid](#)

15 diverse systems available—NSF prepares for transition to XD

Scientists, engineers and other U.S. researchers may apply until July 15, 2010 (12:00

midnight submitter's local time) for the next quarterly review of requests for free allocations of high-performance computer time, advanced user support, and storage resources that are available through the National Science Foundation (NSF) Office of Cyberinfrastructure's (OCI) TeraGrid. To apply for an allocation of any size, visit TeraGrid's online submission system at <https://pops-submit.teragrid.org/>.

Each quarter, a panel of computational experts known as the TeraGrid Resource Allocations Committee (TRAC) evaluates requests primarily on the appropriateness and technical aspects of using TeraGrid resources. Applications received by the July 15 deadline will be considered at the September 2010 TRAC meeting and awards will be available from Oct. 1, 2010 through Sept. 30, 2011.

TeraGrid allocates more than one billion processor hours to meritorious requests each year. Resources currently exceed two petaflops of combined computing capability and approximately 50 petabytes of online and archival data storage from 11 resource provider sites across the nation. At the June 2010 TRAC meeting, 315 million processor hours and one petabyte of data storage were awarded to 105 research teams.

Allocations are available on 15 systems, including TeraGrid's two largest, which were funded under the NSF OCI's Track 2 Program—Ranger at the Texas Advanced Computing Center (TACC), and Kraken at the National Institute for Computational Sciences (NICS), plus the newest TeraGrid resources: Nautilus (NICS) and Longhorn (TACC) remote visualization and data analysis systems. Dash, the San Diego Supercomputer Center's (SDSC) precursor to the Gordon Track 2 system, is available for the evaluation of flash memory and vSMP software. Purdue now offers Wispy, a cluster running KVM and Nimbus cloud software, supporting virtual machines with real Internet addresses. By October 1, 2010, the National Center for Supercomputing Applications (NCSA) will introduce Ember, a shared memory supercomputer. With a peak performance of 16 teraflops, Ember doubles the power of its predecessor, Cobalt. For the most current information about these TeraGrid systems and more, visit the resource catalog at www.teragrid.org/web/user-support/resources.

High Performance Computing (HPC) R&D Demonstration Projects for Oil Spill Disaster Response (LONI)

The Louisiana Optical Network Initiative (LONI) has issued a request for proposals from Louisiana's research community that use the HPC capabilities available through LONI toward assessing and responding to the oil spill in the Gulf of Mexico. Successful projects awarded under this program may be included as part of Louisiana's spotlight at the national SC10 conference in New Orleans this November. LONI will provide up to \$10,000 per award for this program, which may be used to support students, travel, and the purchase of scientific equipment and supplies. LONI also will make available as a part of each award an allocation of LONI HPC resources for project use at no charge. Additionally, high priority status on computer usage can be assigned for awarded projects. The expected project start date is August 1, 2010, with project duration of two months, ending on September 30, 2010. Individuals who hold a regular tenured or tenure-

track S&E position at any Louisiana public institution of higher education are eligible to apply. Proposals are due July 16, 2010. For more information, contact LONI Executive Director Donald Vandal at dvandal@lsu.edu.

[Expeditions in Computing](#)

September 10 2010 10:00 am

At Least \$ 10,000,000.00 available

[CISE Cross-Cutting Programs: FY 2011](#)

December 17 2010 10:00 am

At Most \$ 3,000,000.00 available