CENTER FOR COMPUTATION & TECHNOLOGY
Interdisciplinary | Innovative | Inventive

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CCT Weekly April 10- April 16, 2011

[CCT Weekly, April 12, 2011](#)

Stop Motion Animation Summer Camp Offered at LSU

The LSU Center for Computation & Technology (CCT) will offer for the first time this summer a stop motion animation camp for high school children, July 11-15, at the Shaw Center for the Arts, Laboratory for Creative Arts & Technologies (LCAT).

The Stop Motion Animation Camp was designed to educate Louisiana's future generation of animators as LSU leads the development of training in digital industries across the state.

In stop motion animation, an object is repositioned in small increments between individually photographed frames, creating the illusion of movement when the series of frames is played as a continuous sequence. Examples of some of the more popular stop motion animation feature films are "Who Framed Roger Rabbit," "Corpse Bride," "Fantastic Mr. Fox," and the new release, "Gnomeo & Juliet."

Students will work in groups to create a story line, develop characters, shoot scenes, and create a movie by editing and adding music and effects.

For registration or more information about the Stop Motion Animation Camp, visit: www.cct.lsu.edu/StopMotion. For a complete listing of LSU CCT summer camps, visit: www.cct.lsu.edu/home.

The LSU Center for Computation & Technology is an innovative and interdisciplinary research environment for advancing computational sciences, technologies, and the disciplines they touch. The Laboratory for Creative Arts & Technologies, a component of the CCT, leads LSU in the field of digital media. Their projects include the Red Stick International Animation Festival, the AVATAR (Arts, Visualization, Advanced Technologies and Research) initiative, and it led the way for the development of the LSU minor in digital media.

Pats on the back:

• Juana Moreno received the Phi Kappa Phi, LSU Chapter, 2011 Non-Tenure Faculty Award.

CCT Spotlight: Werner Benger

Werner Benger is a member of the Core Computational Science Focus Area at the CCT. He is from Innsbruck, Austria and moved to Baton Rouge to join the CCT in the Fall of 2005.

Werner is currently working on several projects, one being a visualization of the BP oil spill using 3D numerical simulation data from LSU's Mechanical Engineering Department. His research work in scientific visualization is independent from a certain discipline, but his major interests are about conceiving methods for visualizing relativistic and astrophysical simulation data, as well as data sets from computational fluid dynamics. Werner helps students by guiding them in developing and advancing visualization algorithms. Lastly, he is working on the integration of geographical observational data (satellite images, LIDAR observations) and simulation data into common visualization environments and HDF5-based file formats, based on long-term research on common data models that originated from his time working in Germany before joining LSU.

When asked why he chose the visualization field, Werner said, "Because it's fun to see what can't be seen before - extracting visual information from incomprehensible number graveyards in a way never done before, and many people need such functionality, within science itself, thus being at the research frontier, as well as in public outreach, thus reaching out to a broad audience."

For fun, Werner enjoys traveling and taking high-resolution panorama photographs of landscapes. He prefers the Spring over Fall because it has better crawfish.
Werner's favorite gadget is the Neural Impulse Activator that allows one to control a computer via brain activity.

Werner reflected on his personal life, saying, "Being used to bi-continental life, sharing life-time across Austria and Louisiana, Tyrolean roots can never be cut off ("Tirol isch lei oans" - saying in Austrian dialect meaning "there is only one Tyrol." There is a similar binary version of it available on t-shirt imprints "There is only one 127.0.0.1" [probably works only for linux geeks who have been online too long])."

"Do at each moment what is best done at this moment. Expect the worst and hope for the best," is Werner's prescription for life.

CCT in the News:

Susanne Brenner to be AWM-SIAM Sonia Kovalevsky Lecturer
Source: Association for Women in Mathematics

Lectures this week:
WEDNESDAY—There will be a candidate lecture for the AVATAR Computer Graphic Tenure Track Faculty Position, by Robert Kooima, LSU Center for Computation & Technology. The lecture will take place Wednesday, April 13 at 3:00 P.M. in 338 Johnston Hall.

Please Note:

• National Student Employment Week is being celebrated this week, April 10-16, 2011.

• The Office of Human Resource Management (HRM) is holding Annual Enrollment for employee benefits (health, dental, vision, flexible spending accounts, and premiums only plan) from April 1, 2011 - April 30, 2011. Employees are encouraged to review all benefits and make selections/changes consistent with your individual needs. Annual Enrollment updates, information and forms can be found at http://www.lsu.edu/benefits.

• The Office of Human Resource Management will be hosting the Benefits Fair on Thursday, April 14th from 10:00 AM until 3:00 PM in the LSU Union, Cotillion Ballroom. Representatives from the health insurance plans, state retirement systems, supplemental insurance

providers, and 403(b) and 457(b) providers will be available for questions during the fair.

• Due to the overwhelming response, we have opened a second session for the Alice in Computation Land Summer Camp July 18-22, 2011, sponsored by the LSU Center for Computation & Technology. The camp is a five-day workshop for girls entering grades 6-8 who are interested in learning more about computational science and technology. For more information and to register, visit http://www.cct.lsu.edu/CampAlice

• Registration is now open for "Stop Motion Summer Camp," July 11-15, 2011. This exciting summer education opportunity offers high school students a unique opportunity to build upon their interests in animation. Registration fee is $125. For more information and to register, visit http://www.cct.lsu.edu/StopMotion

• Applications for the SC11 Student Volunteer Program will open April 1 and close on August 12, 2011. Undergraduate and graduate students are encouraged to apply as volunteers to help with the administration of the conference. In exchange for volunteering, they will receive complimentary conference registration, housing, and most meals. In addition, limited support will be provided for transportation expenses (such as airfare) for international students and students from groups that traditionally have been underrepresented in HPC. For more information visit http://sc11.supercomputing.org/?pg=studvol.html or email 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, 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 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 Claudet 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

Upcoming Grant Deadlines:

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

Faculty Early Career Development (CAREER) Program
July 23, 2011 10:00 am
At Least $ 400,000.00 available

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LSU

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