



**October 12 – 18, 2008**

### **TeraGrid Names Three New Area Directors To Better Meet, Assess User Needs**

TeraGrid, the world's largest, most comprehensive distributed cyberinfrastructure for open scientific research, has named three new directors to manage different project areas, ensuring more effective user services.

Each area director will continue working from his respective TeraGrid resource provider site, as these appointments are half-time.

The three TeraGrid area directors are:

- Tim Cockerill, National Center for Supercomputing Applications -- TeraGrid Area Director for Project Management
- Daniel S. Katz, Louisiana State University – TeraGrid GIG Director of Science
- Amit Majumdar, San Diego Supercomputing Center – TeraGrid Area Director for Advanced User Support

“In the seven years since the National Science Foundation created TeraGrid, it has grown significantly, adding five new resource providers, welcoming more users and advancing computational science solutions for complex problems in all areas of academia,” said Ed Seidel, director of the National Science Foundation’s Office of Cyberinfrastructure. “As we continue growing, these new positions will help us better coordinate our efforts to serve research needs in the areas of overseeing TeraGrid project awards, understanding user needs and supporting our users.”

As TeraGrid Project Management Director, Tim Cockerill of the National Center for Supercomputing Applications will lead integrated project management activities to collect and implement TeraGrid awards in a coordinated manner. The TeraGrid Project Management Working Group includes project managers from all of the TeraGrid partners/awardees and plans, who work together to track, report and manage changes for TeraGrid integrated projects.

Cockerill was the original principal investigator for the National Science Foundation award that allowed National Center for Supercomputing Applications to join the TeraGrid as a resource provider, and he is currently a co-PI on that award. For the first two years of the TeraGrid, Cockerill held a half-time position as the TeraGrid GIG Project Manager.

Daniel S. Katz of Louisiana State University will be Grid Infrastructure Group, or GIG, Director of Science for the TeraGrid. In this role, Katz will work with national science and engineering groups to understand their advanced computing requirements and to ensure TeraGrid is adequately serving the research and education communities. He also serves as TeraGrid's liaison to the TeraGrid Science Advisory Board.

Katz, a professor of electrical and computer engineering, has a diverse computational science background, including work in engineering, climate, geophysics, astronomy and scientific visualization.

At Louisiana State University, Katz leads the Center for Computation & Technology's Cyberinfrastructure Development division, which designs, develops and prototypes systems and software. He guides the division's efforts to develop new computing technologies critical to many areas of research in academia, such as coastal modeling and astrophysics, and in industry, such as restoring the Gulf coast and petroleum engineering. Katz oversaw the Louisiana Optical Network Initiative's integration into the TeraGrid as a resource provider earlier this year.

Amit Majumdar of San Diego Supercomputing Center will be TeraGrid Director for Advanced User Support. He will work with TeraGrid users and staff from the various resource provider sites to ensure they can adequately access and utilize TeraGrid resources for scientific computing projects.

Majumdar has been with San Diego Supercomputing Center for 11 years and has led the Scientific Computing Applications group since 2002. This group has expertise in high-performance computing and works on advanced scientific computing projects with national users. Majumdar has worked on various projects using computational science applications in physics, nuclear medicine and anthropology. He also has worked on scientific/parallel computing projects in electron microscopy, tomography and climate modeling with principal investigators from educational institutions around the country.

Majumdar, who received a Ph.D. in the interdisciplinary program of nuclear engineering and scientific computing from the University of Michigan, is principal investigator for two National Science Foundation Collaborative projects, PetaApps and HECURA.

Cockerill, Katz and Majumdar all began their half-time appointments with TeraGrid in August, shortly after being named to these positions.

For more information on the TeraGrid, please visit <http://www.teragrid.org>.

#### **About TeraGrid**

The TeraGrid, sponsored by the National Science Foundation Office of Cyberinfrastructure, is a partnership of people, resources and services that enables discovery in U.S. science and engineering. Through coordinated policy, grid software, and high-performance network connections, the TeraGrid integrates a distributed set of high-capability computational, data-management and visualization resources to make research more productive. With Science Gateway collaborations and education programs, the TeraGrid also connects and broadens scientific communities.

## **CCT in the News:**

### **TeraGrid Names Three New Area Directors**

Source: HPC WIRE

TeraGrid, the world's largest, most comprehensive distributed cyberinfrastructure for open scientific research, has named three new directors to manage different project areas, ensuring more effective user services.

[http://www.hpcwire.com/offthewire/TeraGrid\\_Names\\_Three\\_New\\_Area\\_Directors.html](http://www.hpcwire.com/offthewire/TeraGrid_Names_Three_New_Area_Directors.html)

### **Internet2 Community Meets for Fall Member Meeting**

Source: HPC Wire

*Internet2 to netcast several conference sessions for worldwide viewing*

ANN ARBOR, Mich., Oct. 9 -- Internet2's annual Fall Member Meeting brings the future of the Internet to New Orleans this Oct. 13-16, 2008, as the organization and its international member and partner community meet to collaborate and share advances in Internet development and discovery.

[http://www.hpcwire.com/offthewire/Internet2\\_Community\\_Meets\\_for\\_Fall\\_Member\\_Meeting.html](http://www.hpcwire.com/offthewire/Internet2_Community_Meets_for_Fall_Member_Meeting.html)

## **Upcoming Lectures:**

- Karen Tomko of the Ohio Supercomputing Center will be lecturing on “Educational Portals for the Ralph Regula School of Computational Science” on Thursday, Oct. 16 at 2 p.m. in Johnston 338.
- Cezary Mazurek of the Poznan Supercomputing and Networking Center will be speaking as a part of the Colloquium Series on Friday, Oct. 17 at 11:30 a.m. in Johnston 338. The lecture is titled, “Advanced Services as the Element of the Research Network Infrastructure.”
- Stanislaw Starzak, from the Technical University of Lodz also will be speaking as a part of the CCT Colloquium Series on Friday, Oct. 17 at 11:30 a.m. in Johnston 338. Starzak’s lecture will be on “Cyberinfrastructure in Poland.”

## **Workshop/Conference News:**

- If you’re planning to attend SC08, register before Wednesday, Oct. 15 to take advantage of advanced registration discounts. If you are only planning to attend the exhibition, Karen Jones will register you for this. Please either send her an e-mail ([kjones@cct.lsu.edu](mailto:kjones@cct.lsu.edu)) or log into wiki and note it there. For more information about registration categories and rates or to register: <http://sc08.supercomputing.org/?pg=registration.html> - reg
- **Anyone attending SC08, should put the following on the participant wiki** (<https://wiki.cct.lsu.edu/sc-private/Participants>)

- 1) Arrival & departure date
  - 2) Arrival & departure time (if flying)
  - 3) Cell phone number
  - 4) What type of badge -- Exhibitor or Full Conference? Those wanting Full Conference should register themselves. Those only wanting Exhibit floor access can let Karen Jones know by typing in "Exhibitor" on the wiki, and she will arrange for your badge.
- Hotels and roommates soon will be assigned for those sharing rooms. If you have a roommate preference, please let Karen know now (kjones@cct.lsu.edu).
  - Also, exhibitors will again be wearing the CCT LSU staff shirt during booth duty. If you did not receive a shirt last year, please email your size and color (purple, yellow or khaki) to [jennifer@cct.lsu.edu](mailto:jennifer@cct.lsu.edu) ASAP! Shirts must be ordered now.
  - HPC @ LSU will have a LONI High Performance Computing Workshop to be held at Louisiana Tech University at Ruston on Oct. 22 and 23. For registration and other detail info, please visit the HPC workshop page at <http://www.hpc.lsu.edu/training/20081022/index.php>. Please pay attention to the prerequisites for this workshop. The attendee is required to have basic knowledge in Linux/UNIX and VI editor, please be prepared in advance.
  - The 5th High-End Visualization Workshop, originally set to take place Oct. 27-31, 2008, in Lafayette, Louisiana, has been POSTPONED. The workshop will now take place during the Spring 2009 semester. Please send inquiries to: [obergurgl07@cct.lsu.edu](mailto:obergurgl07@cct.lsu.edu).

**Please Note:**

- **Dependent Verification Policy** – All active or retired employees who have dependents covered under the policy, must provide written proof that each dependent is their actual legal dependent. Employees who have dependents covered under any of the health plans must show proof of dependent status by submitting acceptable certified documents. To avoid being dropped from their health plan on Dec. 31, **ALL CERTIFIED DOCUMENTS SHOULD BE SUBMITTED TO HRM BY NOV. 30, 2008.** The designated dates and times to submit these documents are below and the Benefits Representative must see a certified copy, but will only be required to obtain a photocopy of the document, and the certified copy will be returned to the employee.

**Important Dates**

**October**

Oct 21	Acadian Room, LSU Union	12:30 PM - 4:30 PM
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**November**

Nov 4	Acadian Room, LSU Union	12:30 PM - 4:30 PM
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Nov 18

Acadian Room, LSU Union 8:30 AM - 12:30 PM

- The training schedule for this week will be “Introduction to Debugging and Profiling from 9:30 to 11:30 a.m. in 338 Johnston. The updated calendar for all training is <http://www.hpc.lsu.edu/> . Please register at <http://www.hpc.lsu.edu/training/tutorials/reservation-forms/openmp-20081001.php>.
- **The next ALL CCT Meeting is Wednesday, Oct. 22.** Future ALL CCT meetings for the fall semester will take place on Nov. 12 and Dec. 17. All meetings take place at 3 p.m. in Johnston 338. Faculty, staff and students are encouraged to attend. Please be aware that these dates and times may change. If you have announcements or news for the ALL CCT meetings, please send to Events Manager Karen Jones at [kjones@cct.lsu.edu](mailto:kjones@cct.lsu.edu).
- The inaugural meeting for the LSU Virtual Worlds Research Group will be Thursday, Oct. 23 at 1:30 p.m. in the CCT Training Room, Johnston Hall 338. If you are interested in joining the group, please e-mail [avatar@lsu.edu](mailto:avatar@lsu.edu) for more information.
- The 2009 “Call for Nominations” letters and supporting documents for the University-wide Faculty Awards and Alumni Professorships have been posted online at [www.lsu.edu/facultyawards](http://www.lsu.edu/facultyawards). The deadline for submitting packets is Wednesday, October 29. If you have any questions regarding the process or would like to make arrangements to view sample packets, please contact Stephenie Werline, Office of Academic Affairs, at 225/578-0021 or [sfrank4@lsu.edu](mailto:sfrank4@lsu.edu). The 2009 LSU Distinguished Faculty Awards Reception will be held on Tuesday, May 5, 2009, at the Lod Cook Alumni Center from 4 p.m. to 6 p.m.
- If you have any news for the CCT Weekly, please e-mail PR Manager Kristen Sunde directly at [ksunde@cct.lsu.edu](mailto:ksunde@cct.lsu.edu).

### Upcoming Grant Deadlines:

Note: Please see the CCT deadline Web site, as many NSF deadlines are listed here: <http://www.cct.lsu.edu/about/grants/deadlines/events.php>

EPSCoR Research Infrastructure Improvement Program: Track-1 (RII Track-1)

October 18 2008 10:00 am

A Portion Of \$ 32,000,000.00 available

[http://www.nsf.gov/pubs/2008/nsf08587/nsf08587.htm?govDel=USNSF\\_25](http://www.nsf.gov/pubs/2008/nsf08587/nsf08587.htm?govDel=USNSF_25)

ACCELERATING DISCOVERY IN SCIENCE AND ENGINEERING THROUGH

PETASCALE SIMULATIONS AND ANALYSIS (PetaApps)

October 24 2008 10:00 am

A Portion Of \$ 18,000,000.00 available

[http://www.nsf.gov/pubs/2008/nsf08592/nsf08592.htm?govDel=USNSF\\_25](http://www.nsf.gov/pubs/2008/nsf08592/nsf08592.htm?govDel=USNSF_25)

Cyber-Enabled Discovery and Innovation (CDI)

November 21 2008 10:00 am

At Least \$ 26,000,000.00 available

[http://www.nsf.gov/pubs/2008/nsf08604/nsf08604.htm?govDel=USNSF\\_25](http://www.nsf.gov/pubs/2008/nsf08604/nsf08604.htm?govDel=USNSF_25)