

Calendar/Meetings

October

2-4, [NPC 2006: IFIP International Conference on Network and Parallel Computing](#), Tokyo, Japan

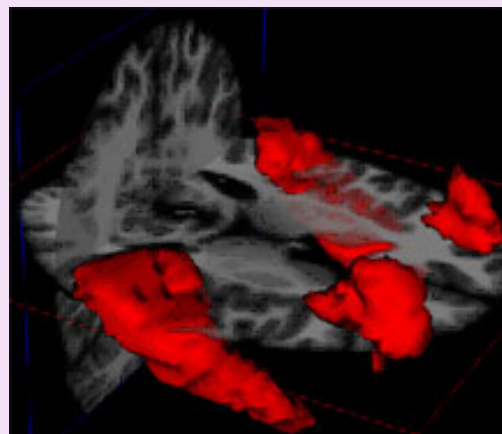
3-4, [Oklahoma Supercomputing Symposium 2006](#), Norman, Oklahoma

13-18, [International ICFA Workshop on Grid Activities Within Large Scale International Collaborations](#), Sinaia, Romania

15-18, [PRAGMA 11](#), Osaka, Japan

[Full Calendar](#)

Image of the Week



Function BIRN image.

Image Courtesy Greg McCarthy, Duke University and BIRN

BIRN, the Biomedical Informatics Research Network, is a geographically distributed virtual community of shared resource. Users of the BIRN cyberinfrastructure work to advance the diagnosis and treatment of disease. One of the four BIRN test beds, Functional Imaging Research of Schizophrenia Test Bed, or FBIRN, uses functional neuroimaging to explore the

Feature Story

EGEE'06 Takes Europe by Storm



Eike Jessen of the EGEE External Advisory Board judging the "Best Demo" competition.

Image Courtesy Owen Appleton, EGEE

Last week's conference of the Enabling Grids for E-science project brought more than 700 participants from five continents to Geneva, Switzerland. The first EGEE conference to broaden its scope beyond technical meetings of the project's activities, EGEE'06 included sessions geared toward business and industry, those featuring applications running on EGEE, a one-day forum for EGEE users, a series of workshops for EGEE-related projects and federations, and a demonstration and poster session.

"The most interesting part for me was meeting people from all the other projects, and learning about the different ways of applying their work with the grid," said Paola Celio from Italy's Istituto Nazionale di Fisica Nucleare, who attended the conference as a representative from the EUChinaGrid project. Another EUChinaGrid representative, Xavier Jeannin from France's Centre National de la Recherche Scientifique, noted that the conference offered an opportunity for the members of their newly formed project to meet each other and draw up a work plan.

Scientific research was well-represented at the conference, with examples of applications running on the EGEE infrastructure ranging from biomedicine and earth sciences to

Announcements

Apply by October 13 for the First EELA Grid School

EELA, the E-Infrastructure Shared Between Europe and Latin America project, will host its first grid school on Itacuruca island, Rio de Janeiro, Brazil, from December 4-15. The school, called EGRIS-1, is aimed at creating the necessary environment and know-how in Latin America for the porting of new applications to the EELA grid infrastructure.



The EGRIS-1 agenda will cover the main topics in grid technology and the technicalities of the EGEE/EELA middleware. The school is open to everyone, but is targeted at researchers from EELA partner institutions, technical industries, research laboratories and universities.

Researchers interested in attending the school must bring a specific grid application to the EELA infrastructure. An application to the school may be made by a group of up to four people for each grid application, and the deadline is October 13. A maximum of six grid applications will be chosen by the EGRIS-1 Selection Board.

For more information and further application instructions, visit the [EGRIS-1 Web site](#).

Call for Papers: Journal of Grid Computing Special Issue

Although many idle computing resources are available on the Internet, only a small percentage of these are actually used. This could be due

underlying causes of schizophrenia and assess the impact of new treatments on functional brain abnormalities. In this image from FBIRN, the red zones depict areas of the brain activated in a standard auditory task across a multi-site pooling of 85 subjects.

[Link of the Week](#)


Ian Foster's Blog

Ian Foster, Director of the Computation Institute at Argonne National Laboratory and the University of Chicago, and co-founder of Globus, has been blogging since July 2006. Recent entries discuss whether or not knowledge of the history of infrastructure could help builders of cyberinfrastructure; apocalyptic thinking; digital maps; New Zealand's new research and education network; and a definition of the Grid.

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 Office of Science/
U.S. DOE

chemistry and fusion.

[Full article](#)

Grids in the News

Grid computing winners announced

Computeract!ve, September 29, 2006
By Dinah Greek

A project to combat global terrorism is the winner of a nationwide grid computing competition.

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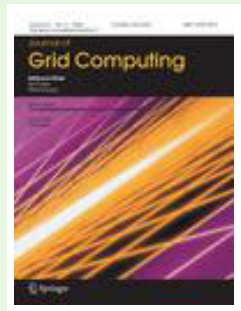
NSF Awards TACC \$59 Million for Unprecedented High Performance Computing System

TACC Press Release, September 28, 2006

The National Science Foundation (NSF) has made a five-year, \$59 million award to the Texas Advanced Computing Center (TACC) at The University of Texas at Austin to acquire, operate and support a high-performance computing system that will provide unprecedented computational power to the nation's research scientists and engineers.

[Read More...](#)

to a lack of reliability, availability, quality of service or security. Substantial work has been done on protocols, middleware and services for computing, storage, data and other resources within distributed computing system. But little attention has been dedicated to the economically efficient allocations of such resources and the generation of business models based on grid utilization.



The Journal of Grid Computing will present a special issue in 2007 focusing on grid economics and business models to help address the lack of attention to this topic. Topics of the issue include, but are not limited to, grid economics, business models for grids and utility computing, and service science.

The submission deadline for articles is March 31, 2007, and early submission is encouraged. More information can be found at the [Journal of Grid Computing's Web site](#), and submissions can be made through the [online submission site](#).