

Calendar/Meetings

April

24-26, [Spring 2006 Internet2 Member Meeting](#), Arlington, Virginia

24-27, [Condor Week 2006](#), Madison, Wisconsin

25-29, [20th IEEE International Parallel and Distributed Processing Symposium](#), Rhodes Island, Greece

26-28, [First BalticGrid All-Hands Meeting](#), Vilnius, Lithuania

27, [EGEE Industry Day](#), Paris, France

May

3-6, [GPC 2006: International Conference on Grid and Pervasive Computing](#), Tunghai University, Taiwan

[Full Calendar](#)

Image of the Week



Map of GEON participants. (Click on image for larger version.)

Image Courtesy GEON

The [Geosciences Network](#) advances the field of geoinformatics by preparing and training geoscience researchers, educators and practitioners in the use of cyberinfrastructure to further their research, education and professional

Feature Story

Certifying Software for the Grid, with the Grid



You've just written your first application for the grid, and it compiles and runs perfectly on your laptop. Now you want to test it on the wide world of the grid—but how? You don't have the resources to build a test grid with all the diversity of the real grid, but you don't want to put your application into production just to find out where it will fail.

Riding to the rescue is a new project dedicated to improving the quality assurance, or QA, process for grid middleware and software. By simplifying and automating the build-and-test process using a Web interface and realistic grid test bed, ETICS, which stands for eInfrastructure for Testing, Integration and Configuration of Software, will improve the overall quality of the grid.

"We aren't just producing a big QA document that will act as a doorstopper and collect dust," says CERN's Marc-Eliañ Bégin, leader of ETICS dissemination and training. "We're providing a service for developers, with a long-term goal of establishing a certification process for grid middleware and software."

[Full article](#)

Grids in the News

Connecting the Americas



Network connections between the U.S. and Latin America.

Connecting with colleagues and data, and participation in state-of-the-art scientific research, can be a challenge for scientists in Latin America, whose network connectivity to each other and the rest of the world is a fraction of what it is within and between North America and Europe. The WHREN-LILA collaboration hopes to bridge this divide by increasing the bandwidth between the east and west coasts of North and South America for the benefit of researchers and educators on both continents.

"WHREN-LILA is supporting science and grid applications in Latin America," says Julio Ibarra, Executive Director of the Center for Internet Augmented Research and Assessment at Florida International University. "Our first flagship application that really requires network resources is high-energy physics, but there are also interesting projects in fields such as astronomy, ecology, genomics and the geosciences that will benefit from new and better links."

[Full article](#)

Announcements

goals. GEON is based on a service-oriented architecture with support for "intelligent" search, semantic data integration, visualization of 4D scientific datasets and access to high-performance computing platforms for data analysis and model execution via the GEON Portal.

[Link of the Week](#)

7 Things You Should Know About Grid Computing

The latest entry in the EDUCAUSE Learning Initiative's "7 Things You Should Know About..." series provides a brief, no-jargon overview of grid computing. Each entry in the "7 Things" series focuses on a single practice or technology and describes what it is, where it is going and why it matters to teaching and learning.

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Office of Science/
U.S. DOE

Internet2's network to get a facelift

NetworkWorld, April 25, 2006
By Denise Pappalardo

Internet2's network is growing up. That was one of the key topics discussed Tuesday at the group's Spring Member Meeting in Arlington, Virginia.

[Read More...](#)

From Supercomputing to the TeraGrid

Supercomputing Online, April 21, 2006

The National Science Foundation's (NSF's) investment in the nation's computational infrastructure began in a small way back in the 1960s, when NSF funded a number of campus computing centers.

[Read More...](#)

Climate change grid project stalled by 'major error'

ComputerWeekly, April 21, 2006
By Tash Shifrin

A huge BBC-backed grid computing project to predict future climate change has hit a "major error", forcing the experiment to be restarted after two months.

[Read More...](#)

Universities here join in massive experiment

The Vancouver Sun, April 19, 2006
By Gillian Shaw

A consortium of Canadian universities led by Simon Fraser University is playing a key role in what is being billed as the biggest science experiment in history.

[Read More...](#)

International Speakers Confirmed for Fourth Grid Summer School

Many internationally renowned speakers have agreed to contribute to the [Fourth GGF International Summer School on Grid Computing](#) in Ischia, Naples July 9–21. The deadline for applications is May 1. Speakers include Ian Foster, Brooklin Gore, Satoshi Matsuoka, Miron Livny, Vincent Breton, Gaetano Maron, Malcolm Atkinson and Erwin Laure.

GlobusWORLD Submission Deadline is May 1

Join the Globus Software Community and GGF18 participants at GridWorld 2006, to be held in Washington, D.C. September 11–15. The deadline for submissions of abstracts for the [GlobusWORLD program](#) is May 1. Speaking opportunities range from highly technical research, development and deployment presentations to enterprise-targeted panels on commercial grid adoption considerations.

IFIP Working Conference on Grid-based Problem Solving Environments

The International Federation of Information Processing (IFIP) Working Conference on Grid-based Problem Solving Environments: Implications for the Development and Deployment of Numerical Software has issued its [call for participation](#). The conference, which will take place July 17–21 in Prescott, Arizona, will bring together users and developers of grid-based and traditional problem-solving environments, developers of grid infrastructure and developers of numerical software.