

# THE QUILT



Quilt Talk

April/May/June  
2011

**The Quilt**- A vibrant forum where leaders from the country's advanced regional and state networking organizations collaborate on ideas and share best practices to evolve networking in support of the research and education.

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## The Quilt Fall Member Meeting



### The Quilt Fall 2011 Member Meeting

The Quilt is pleased to announce that registration is now open for The Quilt Fall 2011 Member Meeting, hosted by the Oregon GigaPoP. This year's Member Meeting will take place in Portland, Oregon, on September 20<sup>th</sup> - 22nd, 2011.

## Other Networking News



### SC11 Seattle, Washington

Conference Dates: November  
12 - 18, 2011

Exhibition Dates: November 14  
- 17, 2011

The SC11 conference continues a long and successful tradition of engaging the international community in high performance computing, networking, storage and analysis.

[More Information on SC11](#)

**The National Coalition for Health Integration becomes a Class A Sustaining Member of National Lambda Rail to transform global research and healthcare delivery**

Meeting details including hotel information and registration can be accessed from the [meeting webpage](#) on The Quilt website.

If you are planning to attend this meeting, we ask that you **register by Friday, September 2<sup>nd</sup>, 2011** so that we are able to prepare and plan accordingly.

## Quilt News - Travel Grant Program

### Quilt Travel Grant Program

Through our annual planning workshops, The Quilt recognized the need for more efforts by our community to cultivate the next generation of leaders within our member organizations. In support of this goal, The Quilt announced its new Quilt Travel Grants Program for 2011. The travel grants programs aims to encourage broader participation from additional staff of our member organizations by offering travel grants to Quilt member staff to attend Quilt member forums who otherwise would not have the opportunity to participate due to limited travel resources.



Travel grant recipients benefit from the opportunity to grow their technical and business understanding of managing R&E networks and gain exposure to new network technology and applications. These forums also provide participants the opportunity to grow their personal networks within the research and education community as they meet make new contacts with individuals from peer organizations.

Five travel grant recipients joined us for our winter member meeting in February 2011. Here is what one of our participants said about their experience.

"Thank you for providing me with the opportunity to attend the recent Joint Quilt/StateNets Meeting. Similar to many of our peer organizations, our organization operates on a very tight budget. Because the Quilt offered a travel grant, I had the chance to make connections with leaders from similar organizations, hear about common issues, see the desire of participants to get something done, and contribute to the group. This would not be possible for us without financial assistance. All of the attendees made me feel incredibly welcome and I sincerely appreciate the effort you put in to making me feel included."

Travel grants are available for our upcoming Fall Member Meeting in Portland, Oregon.

For more information about the travel grant program, please see [http://www.thequilt.net/Quilt\\_Travel\\_Scholarship\\_Instructions\\_F.pdf](http://www.thequilt.net/Quilt_Travel_Scholarship_Instructions_F.pdf)

## Quilt News - OSHEAN Peer Review



### External Review for OSHEAN

OSHEAN, The Quilt's member in Rhode Island, along with many other regional research and education networks, are using BTOP grants to improve infrastructure for the institutions they currently serve and extend these networks to more CAI's in their states. These grants provide only the

June 7, 2011  
(Source:nlr.net)

National Lambda Rail, Inc. (NLR), the advanced research network established by the U.S. research and education community, announced today that the National Coalition for Health Integration (NCHI), a non-profit organization dedicated to the transformation of healthcare, has become a Class A Sustaining Member. Working together, NLR and NCHI will accelerate advances in medical research, and provide efficient delivery of healthcare services, while supporting long-term education and research initiatives...

[Full Article](#)

### FCC Authorizes release of Funding to Qualified Schools and Libraries for Off-Premises Wireless Internet Projects

July 11, 2011  
Washington, D.C. - The FCC today officially launched an innovative program for 20 schools and libraries in 14 states aimed at giving participating K-12 students off-premises connections to the Internet to increase access to digital textbooks, cutting-edge interactive learning tools, and other innovative wireless technologies.

[Full Article](#)

## Quick Links

[Previous Editions of Quilt Talk](#)

[More About The Quilt](#)

capital funds to build the networks. For research and education networks, this means not only supporting a greater number of CAI's, but also ensuring these new CAI's are integrated into the community that is the hallmark of these research and education organizations.

On its own, the OSHEAN BTOP project will be a major change agent for its operations, management and governance structure. In addition to implementing its BTOP project, OSHEAN is undergoing a merger with RINET, the state's K-12 education network. The merger means that the combined organization, RINET and OSHEAN, will serve the majority of Rhode Island's educational institutions as well as state government sites. The expanded participant base that will be served by OSHEAN through the RINET merger and BTOP project requires disciplined strategic planning, the use of scalable operational processes and sophisticated management tools to improve service delivery, reporting and analytics.

As OSHEAN enters its next exciting chapter, it has sought out its peers within The Quilt for an external review for insight and recommendations for OSHEAN in these new undertakings. For the peer review, organizations were sought who had undergone similar growth and organizational transitions. The result of the external peer review will be a final set of recommendations in the form of a report for OSHEAN and the OSHEAN Board of Directors.

## Quilt Members Participate in World IPv6 Day

Organized by the Internet Society, World IPv6 Day held on June 8, 2011 included nearly 400 participating organizations which enabled IPv6 on their main services for 24 hours. By providing a coordinated 24-hour "test flight", the event helped demonstrate that major websites around the world are well-positioned for the move to a global IPv6-enabled Internet, enabling its continued exponential growth. Given the diversity of technology that powers the Internet, the global nature of the trial was crucial to identify unforeseen problems.



February 2011 marked the expiration of available IPv4 addresses necessitating the internet industry to act quickly to accelerate full IPv6 adoption. World IPv6 Day participants came together to help motivate organizations across the industry-Internet service providers, hardware manufacturers, operating system vendors and other web companies-to prepare their services for the transition.

Among the participants in World IPv6 Day were KanREN, the Kansas Research and Education Network, and the Great Plains Network.

### **Kansas Research and Education Network Celebrates World IPv6 Day With Free Services and Community Outreach.**

April 28, 2011

The Kansas Research and Education Network, KanREN, Inc., announced free events and services in celebration of World IPv6 Day. The free events and services are offered to all businesses, state agencies, and community anchor institutions within the state of Kansas as part of a worldwide effort to encourage adoption of the next generation of Internet protocol. [Full Article](#)

### **Great Plains Network Consortium Members Gearing up for World IPv6 Day on June 8**

June 7, 2011

As Internet providers like Google prepare for a one-day test of the new Internet Protocol, version 6, on World IPv6 Day on June 8, members of the **Great Plains Network**, a consortium of leading universities in the Midwest, believe that the inevitable may finally happen. Their support for pervasive and advanced networking in all areas of research, education, health care and learning depends on the successful deployment of this new technology. [Full Article](#)

## Quilt News - ARI Awards



### **Quilt Members Win NSF Academic Research Infrastructure Awards**

A number of Quilt members are working on new infrastructure projects funded by grants through the National Science Foundation's Academic Research Infrastructure program (ARI). The ARI's main goals are to update research facilities at institutions of higher education (including graduate and undergraduate institutions, among which are included community colleges) and other, non-profit research organizations (e.g.,

independent research museums, independent research laboratories, and research consortia) in order to support research that can address the challenges of the 21st century. This program also aims to improve access to and increase use of next-generation research facilities such as remote instruments and research platforms, data repositories, and national computing facilities for researchers, educators and students.

Among the Quilt members receiving ARI grants are the Mid-Atlantic Crossroads, Metropolitan Research and Education Network and the Three Rivers Optical Exchange. Each received awards to deploy 100G infrastructure for their regional network. We look forward to hearing an update from these organizations about their ARI projects at the upcoming Quilt Fall Member Meeting in Portland, OR in September 2011.

For more information on the National Science Foundation Academic Research Infrastructure Program see <http://www.nsf.gov/od/oia/programs/ari/>

## R&E News - Scientists Launch Internet Protocol Research Center

### **The Global Network Development and Deployment Initiative Formed to Facilitate Research on New Platforms and Architectures Based on OpenFlow Technology.**

By Chandler Harris InformationWeek  
April 25, 2011 01:33 PM

The Internet2 networking consortium, Indiana University, and Stanford University's Clean Slate Program have launched a research center that will create a new network platform for global scientific research.

The [Network Development and Deployment Initiative](#) (NDDI) will create multiple virtual networks that allow network researchers to test and experiment with new Internet protocols and architectures. It will also enable domain scientists to accelerate their active research with collaborators worldwide. [Full Article](#)

## Regional and State Network News



### **Merit Network to Host Internet2 IPv6 Workshop, August 2-3**

ANN ARBOR, Mich. - Merit Network Inc. announced today that it will host the Internet2 IPv6 workshop, a special learning opportunity for network professionals. The two-day workshop is provided through Merit's Professional Learning program and will take place on August 2-3, 2011 at Merit's offices in Ann Arbor.

[Full Article](#)

### **MCNC Plans Video Upgrade on Statewide Education Network** RESEARCH TRIANGLE PARK, N.C. - June 23, 2011

MCNC announced today that the video services infrastructure on the North Carolina Research and Education Network (NCREN) is scheduled to be upgraded on July 1.

MCNC has entered the final testing phases of Cisco TelePresence interoperability with H.323 point-to-point (standard on most desktops) and multipoint video services, and TelePresence Management System (TMS) scheduling. Also, a select pilot group is testing centrally-managed soft client licenses for additional devices including laptop and desktop computers and tablets. New services are scheduled to be widely available to NCREN users during the fall semester of the 2011-2012 school year.

[Full Article](#)

### **NYSERNet Hosts Network Security Summit**

June, 23, 2011

What are the best practices and tools for incident response? And what about DNSSEC? With engineers and security officers from member institutions increasingly concerned over threats to their networks, and even universities with dedicated network security organizations expressing need to improve tracking of emerging malicious technologies, implement compliance standards, and deploy campus specific security policies -- all within budget -- by summer 2010 NYSERNet realized that network security education required more than just a session or two at a general conference; only a concentrated agenda wholly dedicated to security issues would permit members the immersion with peers required. [Full Article](#)

### **OARnet: Construction begins for Ohio Middle Mile partners**

Columbus, Ohio - June 16, 2011

Com Net, Inc., Horizon Telcom and OneCommunity, collectively awarded a total of \$141.3 million in federal stimulus funding under the American Recovery and Reinvestment Act, have received the go-ahead to break ground on their projects. The awarded projects will add more than 3,600 new miles of broadband fiber throughout Ohio. [Full Article](#)

### **PSC Observes 25 years of Service and Accomplishment**

Pittsburgh - April 15, 2011

Over a hundred guests, including students, representatives of government and industry, joined the Pittsburgh Supercomputing Center (PSC) staff today at PSC's 25th anniversary observance and Discover 11 Open House. Also present were participants from the TeraGrid/Blue Waters Symposium in Data Intensive Analysis, Analytics, and Informatics, held in Pittsburgh, which concluded at noon on April 15. [Full Article](#)

Upcoming Quilt Member and Other R&E

## Events

### July 2011

**Summer 2011 ESCC/I2 Joint Techs**

10-14 July Fairbanks, AK [More Details](#)

**ACUTA: Summer 2011 Seminar**

17-20 July Baltimore, MD [More Details](#)

**11th GENI Engineering Conference**

26-28 July Denver, CO [More Details](#)

### September 2011

**The Quilt Fall Member Meeting**

20-22 September - Portland, OR [More Details](#)

## Quilt Contacts

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