



## Quilt Talk

January/February/March  
2010

**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.

### In This Issue

[Quilt Turns 10](#)

[The Quilt and StateNets Inaugural Joint Member Meeting](#)

[Quilt NTIA BTOP Forum](#)

[R&E Telepresence News](#)

[Deep Underground Science and Engineering Lab](#)

[Regional and State Network News](#)

[Upcoming R&E Community Events](#)

### Other Networking News



#### Call for SC10 Participation

On March 1, 2010 the premier international conference on high-performance computing, networking, storage, and analysis announced it is now accepting submissions for its technical program. This event will be held in New Orleans on November 13-19, 2010.

[More Information on Participation](#)  
[More Information on SC10](#)

**Google: 1,100 Cities Want Us to Build Them Huge Fiber Networks** - March 29, 2010

(Source:businessinsider.com) The applications are in. More than 1,100 American cities are vying to become test-markets for Google's new broadband network investments. Unfortunately, in the end, only 50,000-500,000 people will be the beneficiaries of it.

[Full Article](#)

**Microsoft and NSF Enable Research in the Cloud** -

February 4, 2010  
(Source:nsf.gov)

Microsoft Corp. and the National Science Foundation

### Quilt News - The Quilt Turns 10



This year marks an important anniversary for The Quilt. It is 10 years ago that a group of regional research and education network aggregators gathered in Kansas City, Missouri and subsequently took the name The Quilt based on the musings of one of our organization's founders.

"In a sense, we are engaged in crafting a quilt. Each patch reflects the diversity and the particulars of the institutions and regions we serve. Yet all the regional patches must be sewn together seamlessly, coherently, and interoperably to serve a larger purpose and community. The quilt should reflect our diversity, but avoid arbitrary and unnecessary complexity. The whole cloth should be substantially more useful and valuable than the sum of the parts." - Michael Krugman, Boston University.

In its 10 years, The Quilt has transformed from a series of meetings of the regional research and education networks to a not-for-profit corporation growing its membership along the way. Our organization's success is based on the support of our member leaders and volunteers who give generously of their time, expertise and dedication to furthering the missions of the regional and state research and education networks in our country. We are also grateful for the on-going support of our research and education community partners and our industry partners whose collaborations and relationships have been invaluable to our organization.

Throughout its 10 years, Quilt members have banded together to develop a several volunteer working groups that foster the knowledge

sharing that has become such a vital part of The Quilt value. Above all our successes, we still find it to be the greatest compliment when members approach us with an idea on how we can work better by working together.

The Quilt now enters our second decade in the face of some challenging economic times. Yet, these challenging times also bring with them tremendous opportunity. It is the constant resolve of our members that pushes us to continue our focus on uncovering collaborative opportunities.

## Quilt News - The Quilt and StateNets Inaugural Joint Member Meeting

The Quilt and StateNets [Inaugural Joint Member Meeting](#) was held in sunny Tempe, Arizona on February 10th through 12th. Jen Leasure of The Quilt and George Laskaris of StateNets hosted the meeting. They were joined by several member presenters and guest speakers that provided updates and insights on topics of mutual interest including: cloud computing, leadership development, changing member demands, national broadband policy, middleware futures, and a panel discussion on member economic and budget challenges.



The speakers' presentations incorporated valuable information and initiated thoughtful discussions. John Windhausen of Telepoly Consulting spoke on current topics in national broadband policy highlighting key topics for regional and state networks to track. Neill Kimrey from the North Carolina Department of Public Instruction discussed the K-12 Perspective on Cloud Computing Services. A special thank you to all of the presenters and panel members for their participation in making The Quilt and StateNets first Joint Meeting a success! The next Member Meeting will be held in late September, 2010. More information to come.

The speakers' presentations incorporated valuable information and initiated thoughtful discussions. John Windhausen of Telepoly Consulting spoke on current topics in national broadband policy highlighting key topics for regional and state networks to track. Neill Kimrey from the North Carolina Department of Public Instruction discussed the K-12 Perspective on Cloud Computing Services. A special thank you to all of the presenters and panel members for their participation in making The Quilt and StateNets first Joint Meeting a success! The next Member Meeting will be held in late September, 2010. More information to come.

## Quilt News - Quilt NTIA BTOP Forum



### Federal Spotlight on Broadband to Serve Community Anchor Institutions

*Broadband Technology Opportunities Program*

At the time of this newsletter, the NTIA has announced funding for 39 BTOP infrastructure projects under its Round 1 funding totaling \$924M in grants. Thirteen of these funded projects involve regional and state research and education networks.

The Notice of Funding Availability (NOFA) for Round 2 BTOP "community comprehensive infrastructure projects" was announced on January 15th. The due date for these applications was March 26th. The second round NOFA language directly supports middle-mile infrastructure projects that serve community anchor institutions. An initial review of the CCI applications for the second round estimates 17 research and education networks participating in round 2 applications with some of these networks involved in multiple applications.

### *FCC National Broadband Plan*

On March 16, 2010, the Federal Communications Committee announced its National Broadband Plan (NBP). This plan has been described by the FCC as a call to action for our country that will be in perpetual beta form. The release of the NBP kicks-off a series of rule-making periods that will result in legislation that supports specific aspects of the NPB. The NPB references high capacity connections to community anchor institutions throughout its report. Listed in its six long term goals for our country's broadband infrastructure is the goal for every American community to have affordable access to at least 1bps broadband service to anchor institutions such as schools, hospitals and government buildings.

Also, referenced in the NPB is the potential of a Unified Community Anchor Network or UCAN that would support and assist community anchor institutions in obtaining and utilizing broadband connectivity. The NPB proposes that the federal and state governments create a non-profit coordinating entity whose mission is to focus on serving the broadband needs of public institutions, including health clinics, community colleges, schools, community centers, libraries, museums,

(NSF) announced an agreement that will offer individual researchers and research groups selected through NSF's merit review process free access to advanced cloud computing resources. Projects will be awarded and managed by NSF.

[Full Article](#)

### Geneva Atom Smasher Sets Collision Record - March 30, 2010

(Source: Associated Press)

The world's largest atom smasher set a record for high-energy collisions by crashing proton beams into each other at three times more force than ever before.

[Full Article](#)

## Quick Links

[Previous Editions of Quilt Talk](#)

[More About The Quilt](#)

and other public access points.

## Quilt News - R&E Telepresence News

The Quilt's TelePresence working group continues to grow as more R&E networking organizations and universities have purchased Cisco TelePresence units. The working group is pleased to announce John Hopkins and the Smithsonian Museum as new members to the group. Chairing the working group is Leo Donnelly from Harvard University and the Northern Crossroads GigaPoP.



"The deployment of Cisco TelePresence for Harvard has the potential to be a key component of our University's communication infrastructure", said Leo Donnelly. "We have already seen the impact it has had on Harvard staff saving on resource time and travel by meeting through TelePresence. As TelePresence continues to scale in research and education, the greater the ability for our researchers, faculty, and staff to collaborate virtually, thereby increasing the value of our investment."

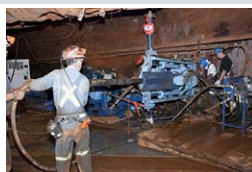
### **NLR and Internet2 to Develop Unified Cisco TelePresence Service for Research and Education**

In February, Internet2 and NLR announced they had signed a memorandum of understanding (MoU) agreeing to collaborate on developing and deploying a unified Cisco TelePresence service offering for the research and education community. Recognizing the powerful benefits of TelePresence for enabling new levels of collaboration and for breaking down geographic barriers among researchers and educators - nationally and internationally - the two organizations will be combining their respective expertise and reach.

NLR operates a Cisco TelePresence Exchange, located in Kansas City, Missouri. Over 70 Cisco TelePresence systems in institutions in 12 U.S. states and 3 other countries are already or will soon be linked in to this Exchange and will now be able to use the joint service to have conferences between Internet2 and NLR members. Internet2 and NLR plan to work together to further develop this Exchange to expand its capabilities. More information on the Unified Cisco TelePresence Service for R&E may be found [here](#).

## R&E News - Deep Underground Science and Engineering Lab

The Deep Underground Science and Engineering Lab in Lead South Dakota has started construction for 2 of its major experiments. The largest lab site at a depth of 4850' is big enough to hold the faces of Mount Rushmore. The Large Underground Xenon Detector (LUX) will be used to detect dark matter. This will be the first major experiment at DUSEL and is headed by Dr. Rick Gaitskell. Collaborators for the first experiment will include:



- Brown University
- Case Western Reserve University
- Harvard University
- Lawrence Livermore National Laboratory
- University of Maryland
- Texas A&M
- University of California at Davis
- University of Rochester
- University of South Dakota
- Yale University

The South Dakota legislature just approved \$5.4 million in financing to sustain operations until the end of the first quarter of 2011. Federal funds are expected to take over operations sometime in the second quarter of 2011.

A presentation of deep underground science and associated research networking and cyberinfrastructure will be presented at the Internet2 member meeting in Washington D.C. April 28th at 10:30am. Join the presenters as they discuss the project and its networking challenges with the both the governor of South Dakota and the DUSEL operations staff who will be participating from the 4850' foot level in the mine.

[Up to the minute news](#)

## Regional and State Network News



### **SAFE-Net Workshop Reaches Across Pennsylvania**

On February 15, 2010, SAFE-Net, a cyber-security awareness program of the Pittsburgh Supercomputing Center (PSC), recently connected a Carnegie Mellon University cyber-security expert with 75 educators at six school districts in eastern Pennsylvania via videoconferencing. Titled "The Educator's Role in Safe Computing," the three-hour interactive collaboration between PSC and the University of Pennsylvania's MAGPI Internet2 regional connector, highlighted how K-12 educators can raise awareness about cyber security and safety in the schools. [Full Article](#)

### **MOREnet Announces New Executive Director**

MOREnet is excited to announce that they have selected their next Executive Director, John Gillispie. John took the helm effective 11 January 2009. Please welcome John to the regional networking community. [Full Article](#)

### **OARnet Helps City Access Supercomputer Center**

The city of Dublin, home to the Central Ohio Research Network, recently was named a Top Seven Intelligent Community in a think tank's annual list of smart cities. Dublin leveraged its innovative underground fiber optic network to connect to OARnet and establish the Central Ohio Research Network. [Full Article](#)

### **NYSERnet Celebrates 25 Years**

Twenty five years ago the decision to collaborate resulted in the not-for-profit corporation known as NYSERnet. The NYSERnet community has created five generations of advanced networks, network tools and capabilities. [Full Article](#)

### **CENIC - FULL SPEED AHEAD**

March 8th to 10th, CENIC held their annual conference in Monterey, California. The session included discussions and presentations on regional and international networks that make advanced networking and research computing possible. [Full Article](#)

### **NC STEM Continues Growing with Increased Investments**

The NC STEM Community Collaborative, a statewide initiative working to advance STEM (science, technology, engineering and math) education in North Carolina, today announced that approximately \$1 million of financial and human investments has been pledged this year to help North Carolina communities create a future that will attract and sustain 21st century jobs. Last year, MCNC and the Bill and Melinda Gates Foundation committed to the initial funding resources to create NC STEM. [Full Article](#)

### **LONI Names Donald Vandal Executive Director**

On April 1, 2010, LONI announced their new executive director, Donald Vandal. Donald was the previous deputy commissioner for Finance and Administration at the Louisiana Board of Regents. Please welcome Donald into the regional networking community. [Full Article](#)

## Upcoming Quilt Member and Other R&E Events

### **April 2010**

#### **39th Annual ACUTA Conference**

18-21 April San Antonio, TX

[More Details](#)

#### **ARIN XXV**

18-21 April Toronto, Canada

[More Details](#)

#### **Spring 2010 Internet2 Member Meeting**

26-28 April Arlington, VA

[More Details](#)

## May 2010

### BCNET/CANARIE Conference

4-5 May Vancouver, B.C.

[More Details](#)

### WiscNet - The Future Technologies Conference (FTC)

10-11 May Madison, Wisconsin

[More Details](#)

### NLR - All Hands Meeting

11-12 May Indianapolis, IN

[More Details](#)

### Merit Member Conference

26-27 May Ann Arbor, MI

[More Details](#)

## Quilt Contacts

President and CEO - [Jen Leasure](#)

Program Coordinator - [Colleen Driscoll](#)

[Quilt Executive Committee and Board of Directors](#)

### [Forward email](#)

#### **SafeUnsubscribe®**

This email was sent to [colleen@thequilt.net](mailto:colleen@thequilt.net) by [colleen@thequilt.net](mailto:colleen@thequilt.net).

[Update Profile/Email Address](#) | Instant removal with [SafeUnsubscribe™](#) | [Privacy Policy](#).

Email Marketing by

