



CIAN Students at Annual NSF site Visit YR 2013, San Diego

Center for Integrated Access Networks

JUNE 2013

NEWS LETTER

Center for Integrated Access Networks Industry Newsletter

New Administrative Director: Dan Kilper

We want to congratulate and welcome Dan in his new role as Administrative Director. A short bio on Dan is included below.

Dan was most recently a member of technical staff at Bell Labs, Alcatel-Lucent and served as our IAB chair. He has over 17 years of experience in participating in university-industry consortia. Most recently he was the technical committee chair of the GreenTouch Consortium, a global organization with over 50 members. He was also the Bell Labs Liaison Executive for the Center for Energy Efficient Telecommunications at the University of Melbourne, Australia and the photonics deputy strand leader for the CTVR in Dublin, Ireland. While at Bell Labs, he received the President's Gold Medal Award in 2004 and was a member of the President's Advisory Council on Research. He is an Adjunct Professor at Columbia University and is a senior member of IEEE.



Dr. Kilper is most known for his seminal work on Optical Performance Monitoring and his contributions in the area of energy efficient and dynamic optical networks. He recently joined the University of Arizona, College of Optical Sciences as a Research Professor and will be active in several working group projects within CIAN. He holds eight patents and authored four book chapters and more than one hundred peer-reviewed publications.

Annual NSF Site Visit

Thanks to all who participated in our 5th Year Site Visit. The NSF site visit team recommended continuing support for CIAN for another year. The site visit report provided a number of recommendations for strengthening the center in preparation for the Year 6 site review.

Tech Tip

You can always retrieve your login and password information by going to <http://data.cian-erc.org> and entering your valid email address and your login information will be sent out to you automatically.

CIAN YR 5 Annual Reports

The CIAN team completed the NSF Annual Report (Volumes 1 and 2) summarizing our Year 5 progress and activities. The documents are available on the CIAN Data website and public web site both, (<http://www.cian-erc.org/industry.cfm> Login --> Meeting Tab), (<http://data.cian-erc.org>). After logging in, select document archive, chose Administration/Management as the Category and select 2012 – 2013 as the Reporting Year. The two PDF files should be available for downloading

Document Archive

A central file sharing space for CIAN documents.
 1. Select a category to display using the menu below.
 2. Click any description to open that file.

Advanced Search Form

Choose a Category: Administration/Management Full Category: (Show All) Choose Reporting Year: [2012 - 2013]

Administration/Management / 20122013
 3 Records Returned

<ul style="list-style-type: none"> CIAN Annual_Report_YR5_Vol_1_Final.pdf <small>CIAN Annual Report_YR5_Vol_1_Final.pdf [CIAN YR5 Annual Report 1 Vol 1]</small> CIAN Annual_Report_YR5_Vol_2_Final.pdf <small>CIAN Annual Report_YR5_Vol_2_Final.pdf [CIAN YR5 Annual Report 2 Vol 2]</small> CIAN_YR5_Exec_Final_Tablets_April_10_2013.zip <small>CIAN_YR5_Exec_Final_Tablets_April_10_2013.zip [CIAN_YR5_Exec_Final_Tablets_April_10_2013]</small> 		<p>YOUSUF RIAZ 10 Apr 13</p> <p>YOUSUF RIAZ 10 Apr 13</p> <p>YOUSUF RIAZ 10 Apr 13</p>
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CIAN - Annual Reports

- CIAN Annual site visit Reports
 - CIAN YR - 5 Vol - 1
 - CIAN YR - 5 Vol - 2
 - CIAN YR - 4 Vol - 1
 - CIAN YR - 4 Vol - 2
 - CIAN YR - 3 Vol - 1
 - CIAN YR - 3 Vol - 2
 - CIAN YR - 2 Vol - 1
 - CIAN YR - 2 Vol - 2
 - CIAN YR - 1 Vol - 1
 - CIAN YR - 1 Vol - 2
- CIAN Annual Site Visit Presentation YR4 - May 15-16 2012

Welcome : Yousaf Riaz
 Department: College of Optical Sciences

Events:

- Industry Reception, March 17, 2013
Hilton Anaheim, CA
- CIAN Strategic Advisory Board Meeting, March 18, 2013
Hilton Anaheim, CA
- CIAN 5th Annual NSF Site Visit, May 7 - 8, 2013
Hilton Anaheim, CA
- Arizona Center for Innovation Presents
- Innovation Day at UA
March 23, 2010
- Funding Your Innovation Through the SBIR / STTR

Congratulations to George Porter on his appointment as Associate Director, Center for Networked Systems (CNS) at the University of California, San Diego.

In his new role as Associate Director, George will sit on the CNS Advisory Board, represent CNS at research collaboration meetings with CNS’s corporate and academic partners, assist the Director in strategic planning, and serve as a resource to CNS faculty and researchers. The appointment is in recognition of George’s remarkable success as a researcher, for his skill in outreach, and for his enthusiasm for making CNS successful.

Congratulations to CIAN’s 2013-2014 Student Leadership Council (SLC).

Cathy Chen, Chair – Columbia

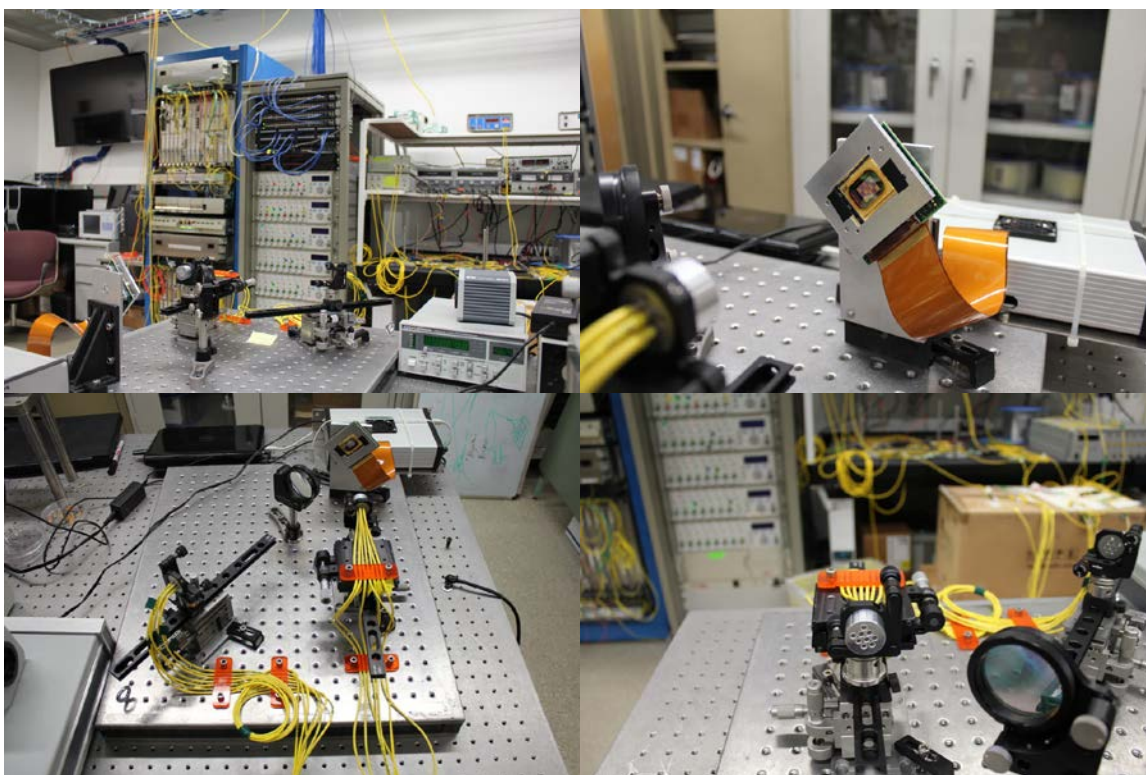
Atiyah Ahsan, Vice-Chair – Columbia

Michael Wang, Student-ILO – Columbia

Research Updates

Optical Switch Blue Sky program reached TOAN testbed insertion milestone.

The CIAN-funded Blue-Sky program to develop an all optical switch reached a key milestone in May when the C-band switch was inserted into the TOAN testbed. The testbed was used to measure key performance aspects of the switch. The team is current seeking additional funding to reduce the insertion loss and increase the port count from 7x7 to 30x30.



Images of the C-band Optical switch under test in the TOAN lab.

T-Photonics completes the NSF Innovation Corps (I-Corps) program

T-Photonics, a startup company founded by University of Arizona Professor Mahmoud Fallahi and graduate student Chris Hassenius, recently complete the NSF I-Corps program. The company is developing high-power tunable mid- to far-IR lasers using novel two-color VECSEL for military and medical applications. The NSF Innovation Corps (I-Corps) is a set of activities and programs that prepares scientists and engineers to extend their focus beyond the laboratory and broadens the impact of select, NSF-funded, basic-research projects. I-Corps Teams--composed of academic researchers, student entrepreneurs and business mentors--participate in the I-Corps curriculum administered via online instruction and on-site activities through one of several I-Corps Nodes. Upcoming I-Corps Sites will catalyze additional groups to explore potential I-Corps Team projects and other entrepreneurial opportunities that build on basic research. The T-Photonics I-Corps team included: Professor Mahmoud Fallahi (PI) and Chris Hassenius (entrepreneurial lead), and Dr. Srinivas Sukumar (business mentor).

The NSF is currently seeking new I-Corps team for upcoming programs.

Upcoming Events

**Year 6 IAB Meeting will be scheduled in conjunction with Photonics West conference
February 1 – 6, 2014 in The Moscone Center, San Francisco**

Year 6 SAB Meeting will be scheduled in conjunction with OFC/NFOEC conference (Technical March 9-13, 2014 in The Moscone Center, San Francisco

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