CQR Technical Committee Meeting

CQR Workshop 2015

CQR Chair: Hideaki Yoshino
May 12, 2015
Charleston, SC

Agenda

- WELCOME
- TC Officers
- Advisory Board Members
- CQR Background and Activities
- CQR Charter
- Chairman's Awards
- ICCs and GLOBECOMs
- CQR2015 & CQR2016
- ADJOURN

2014-2015 Officers

- Chair Hideaki Yoshino
- Chair-Elect Carol Davids ⇒ Scott Poretsky
- Vice Chair - Operations Tetsuya Yokotani
- Vice Chair - Publications Weider Yu
- Secretary Scott Poretsky ⇒ Michael P. Ryan
- Treasurer Kevin Krantz
- Standards Liaison Hideaki Yoshino

CQR Advisory Board Members

- Kelly Krick, (Chair), Ericsson, US
- Hiromi Ueda, Tokyo Univ. of Tech., JP
- Chi-Ming Chen, AT&T, US
- Kenichi Mase, Niigata Univ., JP
- Karl Rauscher, EastWest Institute, US
- Koichi Asatani, Nankai Univ.,CN
- Raymond Bonelli, Consultant, US

CQR Background and Activities

- **CQR: Technical Committee on**

    Communications Quality & Reliability

- **Established in 1986 as QAMC (Quality Assurance Management Committee)**

- **One of the 23 Technical Committees of IEEE ComSoc**

- **Holds annual international workshop, except 1996 and 2003**

- **Three Committee Meetings each year:**
    - ➢ **Last one: GLOBECOM 2014, Dec. 10, Austin, TX**
    - ➢**Today: CQR Workshop 2015, Charleston, SC**
    - ➢ **Next one: ICC 2015, June 10, London, UK**

- **Meeting presentations and minutes are posted on the CQR web site http://committees.comsoc.org/cqr/**

ComSoc 23 Technical Committees and 14 Emerging Technical Subcommittees

- Ad Hoc & Sensor Networks
- Cognitive Networks
- Communications & Information Security
- Communications Quality and Reliability
- Communications Software
- Communications Switching & Routing
- Communications Systems Integration & Modeling
- Communication Theory
- Computer Communications
- Data Storage
- e-Health
- High-Speed Networking

- Information Infrastructure & Networking
- Internet
- Multimedia Communications
- Network Operations & Management
- Optical Networking
- Power Line Communications
- Radio Communications
- Satellite & Space Communications
- Signal Processing & Communications Electronics
- Transmission, Access, & Optical Systems
- Wireless Communications

Subcommittees: Big Data, Internet of Things, Social Networks, etc.

CQR Charter

- **Revised Nov. 2009**
- **Focuses on and advocates worldwide communications and reliability on behalf of, and within, the Communications Society.**
- **Serves as the catalyst for global awareness and the exchange of information relative to technical and management-related aspects of communications quality and reliability. This also extends to security of the telecommunications network.**
- **CQR technical subject matter includes:**
  I. **Service Quality and Reliability**
  II. **Network Quality and Reliability**
  III. **Product and System Quality and Reliability**

CQR Chairman's Awards

- **Established in 2004**
- **Criteria upon which recipients were selected**
  - ➢ **sustained contributions in the field of Quality, Reliability & Security of communications services, networks or systems;**
  - ➢ **a demonstration of the core value of a professional society-adding value to others; and**
  - ➢ **integrity consistent with that of a role model**
- **Number of recipients 2004-2014**

2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
5	5	3	4	2	3	3	0	1	2	4

⇒ This year, we have 4 recipients. In tomorrow's dinner , we will have a Chairman's Award celebration for them.

IEEE : CQRM Symposia

Year	ICC	GLOBECOM
2002	4/28-5/2, New York Koichi Asatani	11/17-21, Taipei, Taiwan Koichi Asatani
2003	5/11-15, Anchorage Koichi Asatani	12/01-05, San Francisco -
2004	6/20-24, Paris, France Koichi Asatani	11/29-12/3, Dallas -
2005	5/16-20, Seoul, Korea Hiromi Ueda	11/28 – 12/2, St. Louis -
2006	6/11-15, Istanbul, Turkey Hiromi Ueda	11/27 – 12/1, San Francisco Hiromi Ueda
2007	6/24-28, Glasgow, UK Hiromi Ueda	11/26 – 11/30, Washington, DC -
2008	5/19-23, Beijing, China Hiromi Ueda	11/30 – 12/4, New Orleans Toshinori Tsuboi
2009	6/14-18, Dresden, Germany Hiromi Ueda	11/30 – 12/4, Honolulu Hajime Nakamura

IEEE : CQRM Symposia (Cont.)

Year	ICC	GLOBECOM
2010	5/23-27, Cape Town, South Africa Toshinori Tsuboi	12/06-10, Miami Hideaki Yoshino
2011	6/05-09, Kyoto, Japan Toshinori Tsuboi	12/05-09, Houston Tetsuya Yokotani
2012	6/10-15, Ottawa, Canada Hideaki Yoshino	12/03-07, Anaheim Tetsuya Yokotani
2013	6/09-13, Budapest, Hugary Tetsuya Yokotani	12/09-13, Atlanta Hideaki Yoshino
2014	6/10-14, Sydney, Australia Kohei Shiomoto	12/8-12, Austin Weider Yu
2015	6/8-12, London, UK Kelly Krick	12/6-10, San Diego Kohei Shiomoto
2016	5/23-27,Kuala Lumpur Kohei Shiomoto	12/4-8, Washington D.C. Kohei Shiomoto
2017	5/21-25, Paris, France Kohei Shiomoto (proposed)	

ICC 2015 CQRM Symposium Sessions

Oral Sessions

- CQRM-01: SDN and Virtualization
- CQRM-02: Resources Management
- CQRM-03: Energy Efficiency
- CQRM-04: Heterogeneous Networks
- CQRM-05: Loss, Latency, and Demand
- CQRM-06: Performance Analysis
- CQRM-07: Demand and Scheduling

Interactive Sessions

- CQRM-I01: Networks and Demands
- CQRM-I02: Patterns and Protections
- CQRM-I03: Data Center Control and Modeling

2015 CQR Workshop

- **General Program Co-Chair:**
  - ➢ **Chris Mayer, Verizon and Tara Timblin, Symantec**
- **Segment and Panel Chairs:**
  - ➢ **Segment 1: Kirk McBean, Cisco Systems**
  - ➢ **Segment 2: Scott Poretsky, Allot Communications**
  - ➢ **Segment 3: Barbara Kemp, Assure 911 LLC**
  - ➢ **Executive Panel: Mike Ryan, VZ Wireless**
  - ➢ **Distinguished Expert Panel: Carol Davids, IIT**
  - ➢ **Operations Panel: Martin Guldberg, Verizon Wireless**
- **Technical Program Co-Chairs:**
  - ➢ **Miki Yamamoto, Kansai Univ.**
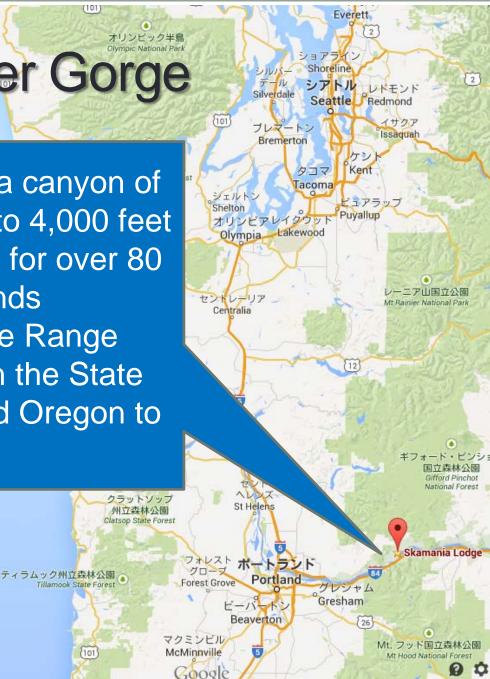 - ➢ **Ana Goulart, Texas A&M Univ.**

2016 IEEE CQR Workshop

Skamania Lodge, WA.

The Columbia River Gorge
May 10-12, 2016

http://www.ieee-cqr.org/2016/

The Columbia River Gorge

The Columbia River Gorge is a canyon of the Columbia River that is up to 4,000 feet (1,200 m) deep, and stretches for over 80 miles (130 km) as the river winds westward through the Cascade Range forming the boundary between the State of Washington to the north and Oregon to the south.

The Columbia River Gorge

Skamania Lodge

"Skamania" is the Chinook Indian word for "swift water". The resort, which overlooks the Columbia River is aptly named, as there are also over 70 waterfalls nearby.

The lodge was designed to be reminiscent of the great lodges of early 1900's, which had charm and appeal, and contained all modern guest conveniences. Thus, the design of the four-story Cascadian style lodge, with high-pitched roofs, interesting uses of timbers, wood paneling and native stone came to fruition..

- http://www.skamania.com/washington-state-resorts.php

Reminders before Adjourn

1. **Next CQR-TC Meeting: ICC2015, Wed. June 10, 12:30–14:00, London**

2. **Mark CQR workshop 2016 on your calendar May 10-12, 2016, Skamania Lodge, WA**

Thank you!

Any other business?
Q&A

Communications
Quality and Reliability

balance