

IEEE Communications Society
TECHNICAL COMMITTEE
ON
Communications Quality & Reliability

CQR

<http://committees.comsoc.org/cqr/>

Committee Meeting
Hiromi Ueda, CQR Chair

Tuesday, May 10, 2011
CQR 2011, Naples, FL, USA



Agenda

- Welcome
- CQR Overview
 - CQR Officers
 - Background
 - Charter
 - Chairman's Awards
- CQR Workshops
 - Overview of CQR 2011
 - Introduction of CQR 2012
- CQRM Symposium in ICCs and GLOBECOMs
 - Symposia Representatives and Statistics
- Other Activities
- Adjourn

CQR Officers (2010-2011)

Chair	Hiromi Ueda, Tokyo Univ. of Technology, JP
Chair Elect	Kelly Krick, Ericsson, US
Vice-Chair-Operations	Hideaki Yoshino, NTT , JP
Vice-Chair-Programs	Peter Hoath, Independent Consultant, UK
Vice-Chair-Publications	Weider Yu, San Jose State Univ., US
Secretary	Tetsuya Yokotani, Mitsubishi Electric, JP
Treasurer	Kevin Krantz, Ericsson, US

Advisory Board

Chi-Ming Chen (Advisory Board Chair), AT&T, US
Kenichi Mase, Niigata Univ., JP
Karl Rauscher, EastWest Institute, US
Koichi Asatani, Kogakuin Univ., JP
Kelly Krick, Ericsson, US
Raymond Bonelli, Consultant, US

CQR Background

- **CQR**: Technical Committee on **C**ommunications **Q**uality & **R**eliability
- Established in 1986 as **QAMC** (**Q**uality **A**ssurance **M**anagement **C**ommittee)
- One of the **25** Technical Committees of IEEE Communications Society (**ComSoc**)

<http://www.comsoc.org/about/committees/Technical>

CQR Charter

- Revised August 2006
- Focuses on and advocates worldwide communications quality 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 include:
 - 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
- Nominated by CQR Officers and Members of the Advisory Board **with nomination material**

- Number of recipients 2004-2011:

2004	2005	2006	2007	2008	2009	2010	2011
5	5	3	4	2	3	3	0

- 2011 recipients: **No nomination.**

CQR Strategic and Technical Programs

- Strategic programs: US
 - Special Hot Topic Workshops
 - Industry side interested issues
- Technical programs: Japan
 - Workshop Tech. Program
 - CQRM Symposium in ICC and GLOBECOM
- Combined: Cooperation
 - Annual CQR Workshop including Industrial and academia people
 - ICC and GLOBECOM Business Forum
 - Publications

Strategic
Programs

Technical
Programs



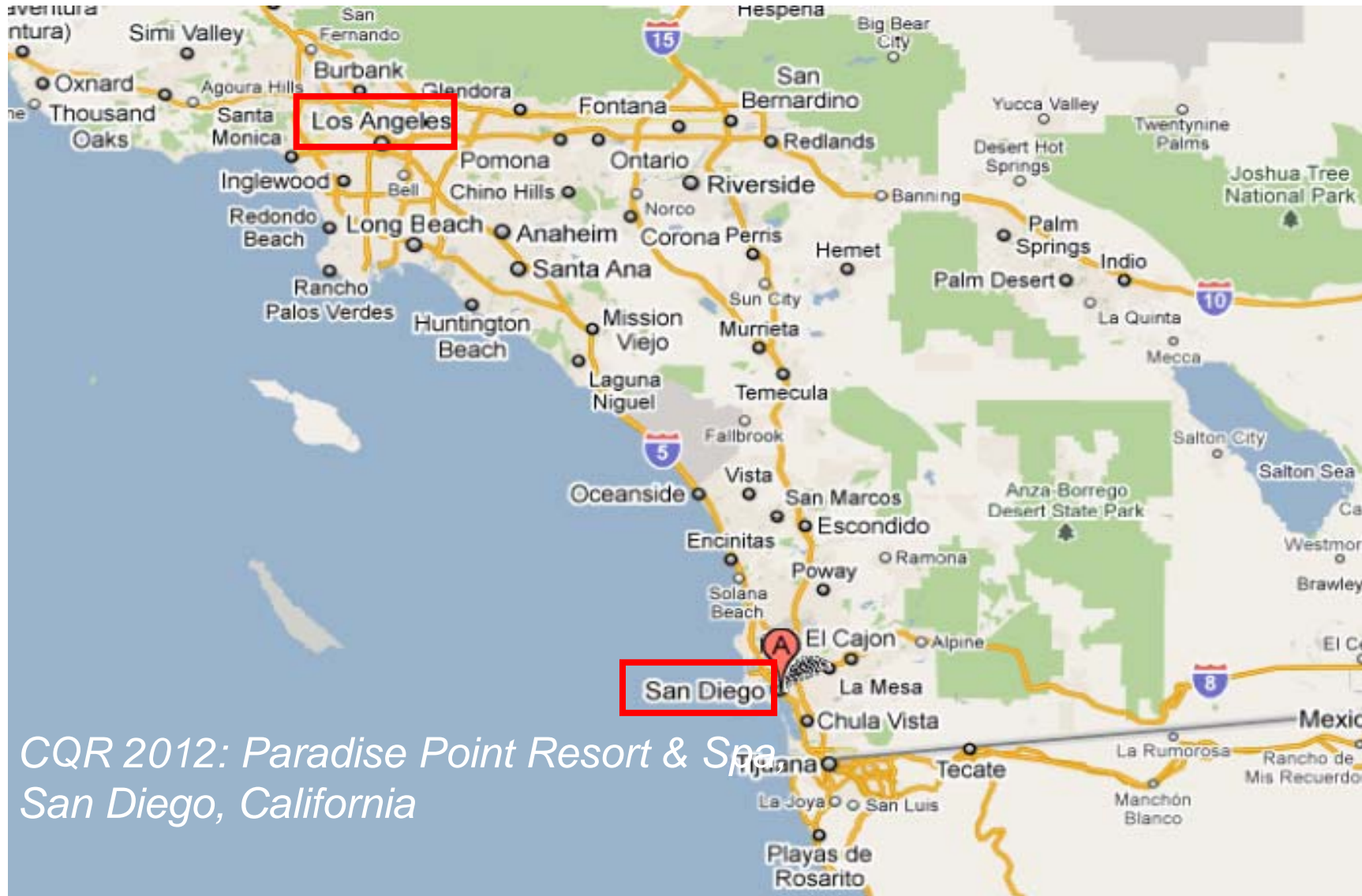
Outline of CQR2011 Workshop

- General Co-Chairs:
 - Scott Poretsky, Allot Communications
 - Mike Ryan, Verizon Wireless
- Technical Program Chair and Secretary :
 - Prof. Yutaka Ishibashi, Nagoya Institute of Tech.
 - Prof. Shinji Sugawara, Nagoya Institute of Tech.
- Industry-focused Strategic Track
 - Keynote Address 1: Hank Kafka, AT&T,
 - Keynote Address 2: Elisabeth Rainge, IDC
 - Keynote Address 3: Karl Rauscher, EWI
 - Segment 1: The Realities of Deploying LTE
 - Segment 2: Smartphone Impact on Mobile Data Networks
 - Segment 3: Supply Chain Integrity to Ensure Cyber Security
- Technical Paper Track
 - 21 papers out of 37 (acceptance rate of 56.8%) has been presented.

Introduction of CQR2012 Workshop

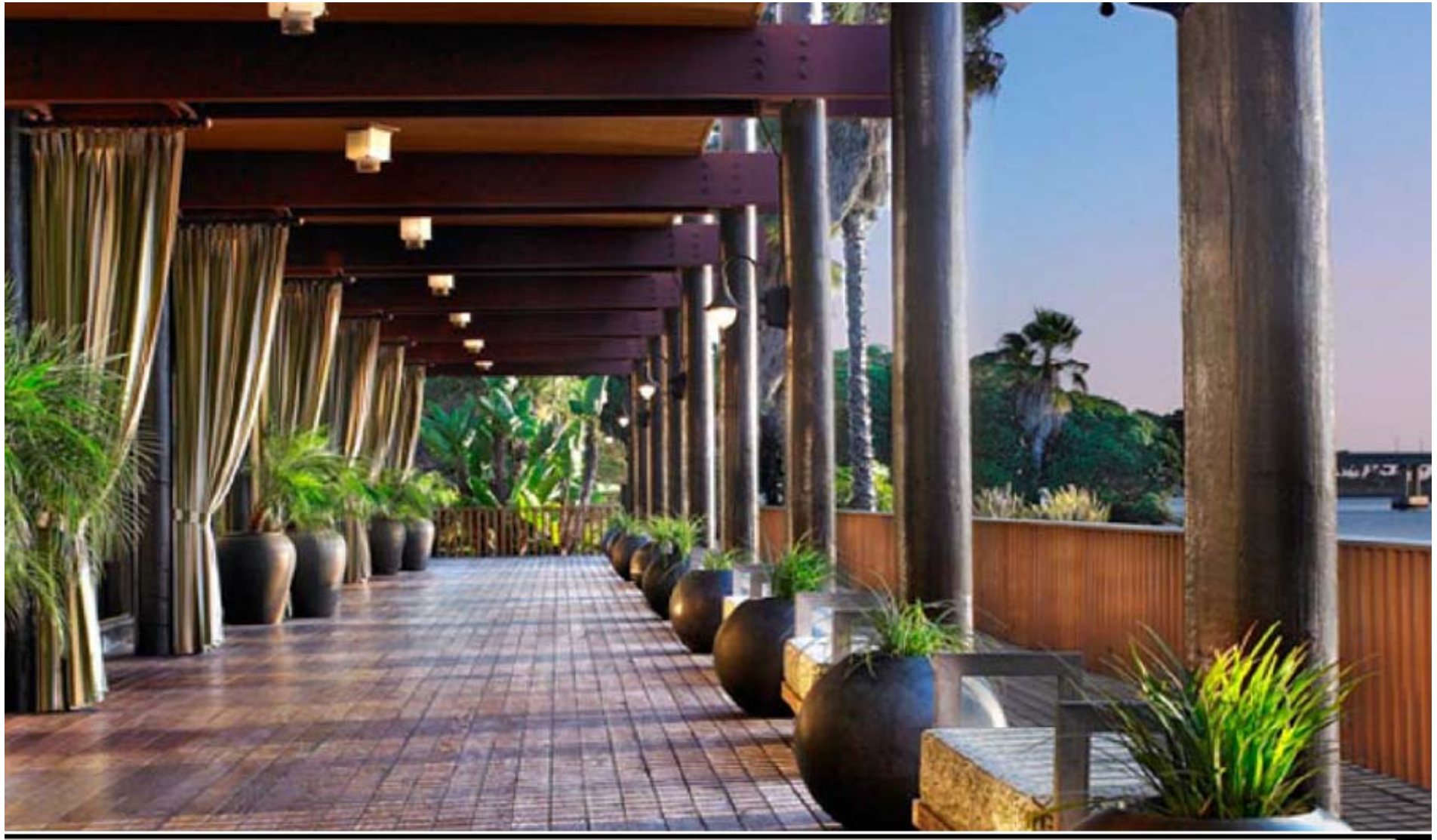
- Dates: May 15 (Tuesday) to May 17 (Thursday), 2012
- Place: the Paradise Point Resort, San Diego, California
1404 Vacation Road, San Diego, CA 92109
<http://www.paradisepoint.com/>
- General Co-Chairs:
 - Scott Poretsky, Allot Communications
 - Mike Ryan, Verizon Wireless
- Technical Program Chair and Secretary :
 - Prof. Katsuya Yamaoka, Tokyo Institute of Technology
 - Dr. Ken-Ichi Suzuki, NTT.
- Workshop URL <http://www.ieee-cqr.org/>

CQR 2012: Paradise Point Resort & Spa



*CQR 2012: Paradise Point Resort & Spa
San Diego, California*

CQR 2012: Paradise Point Resort & Spa



CQR 2012: Paradise Point Resort & Spa



CQR2012: Technical Program Important Dates

- December 13, 2011
 - Paper submission deadline
- February 14, 2012
 - Notification of acceptance mailed to authors
- March 14, 2012
 - Camera-ready paper submission deadline
- May 15 (Tuesday) to May 17 (Thursday), 2012
 - CQR 2012 Workshop, Paradise Point Resort & Spa, San Diego, CA

IEEE ICC and GC Activities: CQRM Symposia

Year	ICC	GLOBECOM
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
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, Hungary Tetsuya Yokotani	12/09-13, Atlanta Hideaki Yoshino

CQR members for ICC 2011: [Koichi Asatani](#), Executive Chair, [Hiromi Ueda](#), TPC Vice Chair, [Tetsuya Yokotani](#) and [Chi-Ming Chen](#), the Business Forum Co-Chair 14

Statistics of ICC and GLOBECOM Papers

Year	ICC			GLOBECOM		
	Submitted	Accepted	A/S Rate	Submitted	Accepted	A/S Rate
2005	222	76	34.2 %	-	-	-
2006*	247	101	40.0 %	140	54	38.6 %
2007	255	102	40.0 %	-	-	-
2008	221	74	33.5 %	198	71	35.8 %
2009	178	63	35.4 %	211	78	37.0 %
2010	178	79	44.4 %	293	100	34.1 %
2011	153	59	38.4 %			

* Poster sessions commenced

CQRM symposium, ICC 2011, Kyoto, Japan



- ICC 2011 will be held in Kyoto, on June 5 to 9, 2011.
- CQR-TC supports the CQRM symposium in ICC 2011.
- Koichi, Executive Chair, Hiromi, TPC Vice Chair, Tetsuya and Chi-Ming, the Business Forum Co-Chairs for ICC 2011

Other Activities (I)

- IEEE ComSoc Technically Co-sponsorship Endorsed by CQR-TC
 - **WCS 2011** (the EWI Second Worldwide Cybersecurity Summit, London June 2011), **Karl**
 - **ITU-WT-2011** (ITU Telecom World, Geneva, Oct 2011), **Chi-Ming**
 - **WTS 2012** (the world Telecommunications Congress, Miyazaki, July 2012), **Yamamoto-sensei**

- Membership upgrade (Member to Senior Member; SM to Fellow)
 - **Koichi: IEEE Fellow (2005)**
 - **Kenichi: IEEE Fellow (2005)**
 - **Hiromi: IEEE Fellow (2008)**

Other Activities (II)

- IEEE Distinguished Lecturers
 - Koichi (2009, 2011)
- Standards
 - Hideaki: Liaison to the standard body
- Publication (ComMag Feature Topic issue)
 - Chi-Ming, Anil, Jason (Network Disaster Recovery)

Communications Magazine Feature Topic Issue

- **Feature Topic:** Network Disaster Recovery
- **Publication Date:** January 2011
- **Guest Editors:** [Chi-Ming Chen](#), [Anil Macwan](#) and Jason Rupe
- **Papers Accepted:**
 - “Rapidly Recovering from the Catastrophic Loss of a Major Telecommunications Office,” Kelly Morrison, AT&T
 - “Disasters will happen - are you ready?” Chris Oberg, Verizon Wireless, Andrew Whitt and Robert Mills, Verizon
 - “Considerations and Suggestions on Improvement of Communication Network Disaster Countermeasures After Wenchuan Earthquake,” Ran Yang, China Academy of Telecom Research (CATR)
 - “Lack of Emergency Recovery Planning Is a Disaster Waiting to Happen,” Rick Krock, Alcatel-Lucent
 - “How to Deliver Your Message From/To Disaster Area,” [Kenichi Mase](#), Niigata Univ., Japan



Questions, Suggestions
and Discussions.

Any other business?

See you in Kyoto.

Thank you!