

**IEEE Communications Society
TECHNICAL COMMITTEE
ON
Communications Quality & Reliability**

CQR

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

***Committee Meeting
CQR Chair: Hiromi Ueda***

***Wednesday, December 8, 2010
GLOBECOM 2010, Miami, USA***



Agenda

- Welcome and Introduction
- CQR Overview
 - CQR Officers
 - Background
 - Charter
 - Chairman's Awards
 - TC Re-certification 2009
- TAC Meeting Report
- CQRM Symposia in ICCs and GLOBECOMs
 - Symposia Representatives and Statistics
- CQR Workshops
 - CQR 2010, Vancouver, June 8-10
 - Planning Status of CQR 2011
- Other Activities
- Adjourn

CQR Officers (2010-2011)

Chair	Hiromi Ueda, Tokyo Univ. of Technology
Chair Elect	Anil Macwan, Alcatel-Lucent
Vice-Chair-Operations	Hideaki Yoshino, NTT
Vice-Chair-Programs	Peter Hoath, BT
Vice-Chair-Publications	Weider Yu, San Jose State Univ.
Secretary	Tetsuya Yokotani, Mitsubishi Electric Co.
Treasurer	Kevin Krantz, Ericsson

Advisory Board

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

CQR Background and Activities (I)

- **CQR: Technical Committee on Communications Quality & Reliability**
- **Established in 1986 as QAMC (Quality Assurance Management Committee)**
- **One of the 25 Technical Committees of IEEE Communications Society (ComSoc)**

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

CQR: Background and Activities (II)

- First workshop in **1986**, Hotel LaSapinière, Val David, Quebec, Canada
- Holds annual international workshops, except **1996** and **2003**
- Hosting the annual workshop is becoming very challenging to keep the registration fee affordable (CQR Workshop registration fee covers everything: **Workshop, hotel, events, meals**)
- Three Committee Meetings each year:
 - **Last one**: CQR 2010, June 9, Vancouver, Canada
 - **Today**: GLOBECOM 2010, Dec. 8, Miami, Florida, USA
 - **Next one**: CQR 2011, May 11, Naples, Florida, USA


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 2004-2010: 5, 5, 3, 4, 2, 3, 3**
- **2010 recipients: Kenichi Mase (Niigata Univ.), Kevin Peters (AT&T), and Andres Servida (European Commission)**

TAC Meeting Report

- 2011 IEEE Fellow: 32 are selected out of 69 candidates in IEEE ComSoc (321 out of 813 in IEEE)
 - Distinguished Lecturers: 17 are selected out of 26 applications. Koichi is selected. Expiring Dec 31, 2012.
 - New TCs are discussed: Information Infrastructure and Networking, and Vehicular Networks & Telemetric Applications.
 - Standard: IEEE P1901.2 collaboration with ITU-T G.hnem.
 - 2011 IEEE Online Green Communications Conference (Sep 26-29, 2011)
 - Next TCS (Technically Co-Sponsorship) application revision is under way.
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TC Re-certification

- **All Communications Society (ComSoc) TCs are subject to recertification every 3 years**
- **Last re-certification submitted in November 2009**
- **31 questions answered**
- **The result recently came, and CQR-TC is endorsed.**

CQR Strategic and Technical Programs

- Strategic programs: US
 - Special Hot Topic Workshops
 - Industry side interested issues
- Technical programs: Japan
 - 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



CQRM Symposia of ICCs and GCs

Year	ICC	GLOBECOM
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	12/01-05, 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

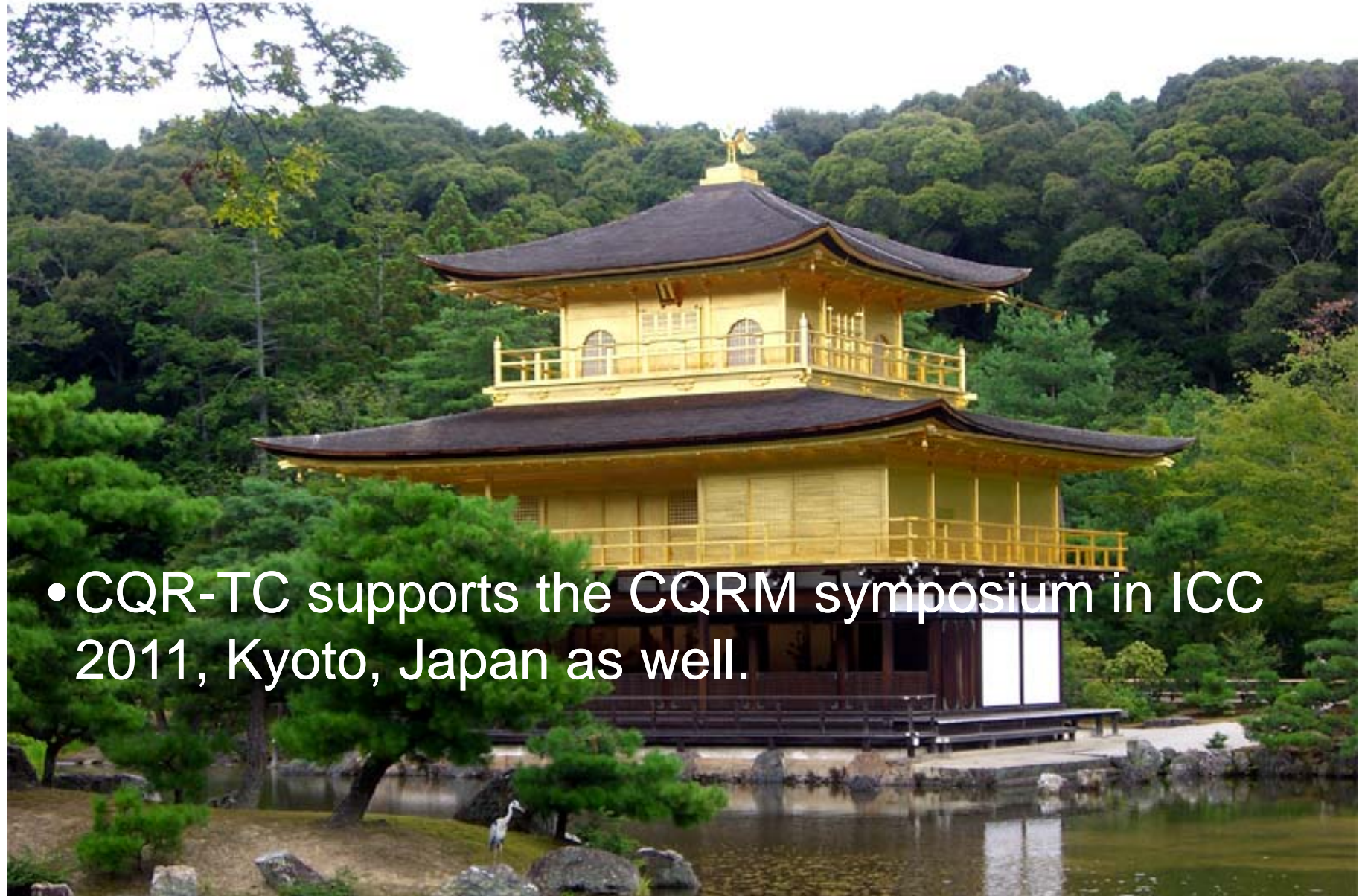
- **With Communications Systems Integration & Modeling (CSIM) TC**
- **Additionally for GC'09, [Chi-Ming Chen](#) served as the Business Forums Chair, and [Hiromi Ueda](#) as the Asia Pacific Publicity Chair**
- **ICC 2011 Committee is formed with several CQR members: [Koichi Asatani](#), Executive Chair, [Hiromi Ueda](#), TPC Vice Chair, [Tetsuya Yokotani](#) and [Chi-Ming Chen](#), the Business Forum Co-Chair**

Statistics of Papers

Conf.	Submitted	Accepted	A/S Ratio	Organization (presentation sessions and poster sessions)
ICC2008	221	74	33.5%	(10, 3)
GC2008	198	71	35.8%	(10, 2)
ICC2009	178	63	35.4%	(9, 1)
GC2009	211	78	37.0%	(11, 2)
ICC2010	178	79	44.4%	(10, 3) [60, 19]
GC2010	293*	100	34.1%	(22, 4) [88, 24]
ICC 2011	153	59	38.4%	(10, 1) [50, 9]

* The largest number as our symposium

CQRM symposium, ICC 2011, Kyoto, Japan



CQR2010 Workshop

Dates: **June 8 – 10, 2010**

Place: **The Westin Bayshore, Vancouver**

1601 Bayshore Drive

Vancouver, British Columbia V6G 2V4 · Canada

<http://www.westin.com/bayshore>

General Program Co-Chairs:

James Runyon, Alcatel-Lucent

Martin Guldberg, Verizon Wireless

Technical Program Chair and Secretary :

Prof. Y. Ishibashi, Nagoya Institute of Tech.

Prof. S. Sugawara, Nagoya Institute of Tech.

Workshop URL <http://www.ieee-cqr.org/>

Planning of CQR2011 Workshop

Dates: May 10 – 12, 2011

Place: The Naples Beach Hotel & Golf Club
851 Gulf Shore Boulevard North
Naples, Florida 34102

<http://naplesbeachhotel.com/>

General Program Co-Chairs:

Scott Poretsky, Allot Communications

Mike Ryan, Verizon Wireless

Technical Program Chair and Secretary :

Prof. Y. Ishibashi, Nagoya Institute of Tech.

Prof. S. Sugawara, Nagoya Institute of Tech.

Workshop URL <http://www.ieee-cqr.org/>





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CQR2011 - Technical Program Important Dates

- **December 13, 2010**
 - Paper submission deadline
- February 14, 2011
 - Notification of acceptance mailed to authors
- March 14, 2011
 - Camera-ready paper submission deadline
- May 10-12, 2011
 - CQR 2011 Workshop

Candidate Locations for CQR2012

Sites considered to host 2012 CQR Workshop:

- Skamania resort, Washington
- LaCosta resort, San Diego, Calif
- Estanzia resort, San Diego, Calif
- Hotel Del Coronado, Coronado, Calif.
- LaJolla Shores resort, LaJolla, Calif
- Rancho Bernardo Inn, Rancho Bernardo, Calif.
- Paradise Point resort, San Diego, Calif.

Those that best meet our budget and conference needs:

- Rancho Bernardo Inn
- Paradise Point resort

Recommended site:

- **Paradise Point resort, San Diego, Calif.**

Other Activities

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

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?

Adjourn

- Thank you for attending today's CQR TC meeting
- Look forward to your continuing participation and contribution: ICCs, GLOBECOMs and CQR Workshops
- Join in CQR 2011, Naples, Florida, US
- Join in ICC 2011, Kyoto, Japan