

IEEE Communications Society
TECHNICAL COMMITTEE
ON
Communications Quality & Reliability

CQR

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

Committee Meeting
CQR Chair: Hiromi Ueda

Wednesday, May 26, 2010
ICC 2010, Cape Town, South Africa

Agenda

- Welcome and Introduction
- CQR Overview
 - CQR Officers
 - Background
 - Charter
 - Chairman's Awards
 - TC Re-certification 2009
- 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	Hiroshi 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

*Today Shoichiro Seno is here for T. Yokotani.

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>

ComSoc Technical Committees

1. [Ad Hoc & Sensor Communications & Networks](#) (AHSNTC)
2. [Cognitive Networks](#) (TCCN)
3. [Communication Theory](#) (CTTC)
4. [Communications & Information Security](#) (CIS-TC)
5. [Communications Quality and Reliability](#) (CQR)
6. [Communications Software](#) (CommSoft)
7. [Communications Switching & Routing](#) (TC CSR)
8. [Communications Systems Integration & Modeling](#) (CSIM)
9. [Computer Communications](#) (TCCC)
10. [Data Storage](#) (TCDS)
11. [e-Health](#) (eH)
12. [Enterprise Networking](#) (EntNet)
13. [High-Speed Networking](#) (TCHSN)
14. [Information Infrastructure](#) (TCII)
15. [Internet](#) (ITC)
16. [Multimedia Communications](#) (MMC)
17. [Network Operations and Management](#) (CNOM)
18. [Optical Networking](#) (ONTC)
19. [Power Line Communications](#) (PLC)
20. [Radio Communications](#) (RCC)
21. [Satellite and Space Communications](#) (SSC)
22. [Signal Processing and Communications Electronics](#) (SPCE)
23. [Tactical Communications and Operations](#) (TCO)
24. [Transmission, Access and Optical Systems](#) (TAOS)
25. [Wireless Communications](#) (WTC)

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**: GLOBECOM 2009, Dec. 3, Honolulu, Hawaii, USA
 - **Today**: ICC 2010, May 26, Cape Town, South Africa
 - **Next one**: CQR 2010, June 9, Vancouver, Canada

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**

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
- Result can be **pass** (with suggestions to improve) or on **probation**
- **Still waiting for the result**

CQR Strategic and Technical Programs

- Strategic
 - Special Hot Topic Workshops
- Technical
 - CQRM Symposium in ICC and GLOBECOM
- Combined:
 - Annual CQR Workshop
 - 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	12/6-10, Miami Hideaki Yoshino
2011	6/5-9, Kyoto, Japan Toshinori Tsuboi	12/1-5, Houston Tetsuya Yokotani
2012	6/10-15, Ottawa, Canada Hideaki Yoshino	12/3-7, Anaheim Tetsuya Yokotani

- **With Communications Systems Integration & Modeling (CSIM) TC**
- **Additionally for GC'09, [Chi-Ming Chen](#) is serving as the Business Forums Chair, and [Hiromi Ueda](#) is 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%	

* The largest number as our symposium

ICC2010 CQPRM Symposium – Sessions and Chairs

	Session	Chair
1	Design of Reliable Networks	Tetsuya Yokotani (Mitsubishi Electric Corp., Japan)
2	Quality in Multimedia Networks	Stefano Giordano (University of Pisa, Italy)
3	Design of P2P Networks	Hajime Nakamura (KDDI R&D Laboratories Inc., Japan)
4	Quality and Performance in Wireless and Mobile Networks	Mohammad S. Obaidat (Monmouth University, USA)
5	Wireless Network Modeling and Performance	Harry Skianis (University of the Aegean, Greece)
6	Wireless Traffic Control	Christos Verikoukis (Telecommunications Technological Centre of Catalonia, Spain)
7	Resource Allocation for Networks	Katsunori Yamaoka (Tokyo Institute of Technology, Japan)
8	Network Design and Traffic Engineering	Shoji Kasahara (Kyoto University, Japan)
9	Performance Modeling	Piotr A Cholda (AGH University of Science and Technology, Poland)
10	Traffic Modeling and Measurement	Renato Lo Cigno (University of Trento, Italy)
P1	Topics in Communications QoS, Reliability and Performance Modeling I	(Exhibit hall)
P2	Topics in Communications QoS, Reliability and Performance Modeling II	(Exhibit hall)
P3	Topics in Communications QoS, Reliability & Performance Modeling III	(Exhibit hall)

CQRM symposium, ICC 2011, Kyoto, Japan



- CQR supports the CQRM symposium in ICC 2011, Kyoto, Japan as well.
- Toshinori Tsuboi serves as symposium co-chair.
- ICC 2011 starts to receive your submission from June 1 to September 7 2010

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

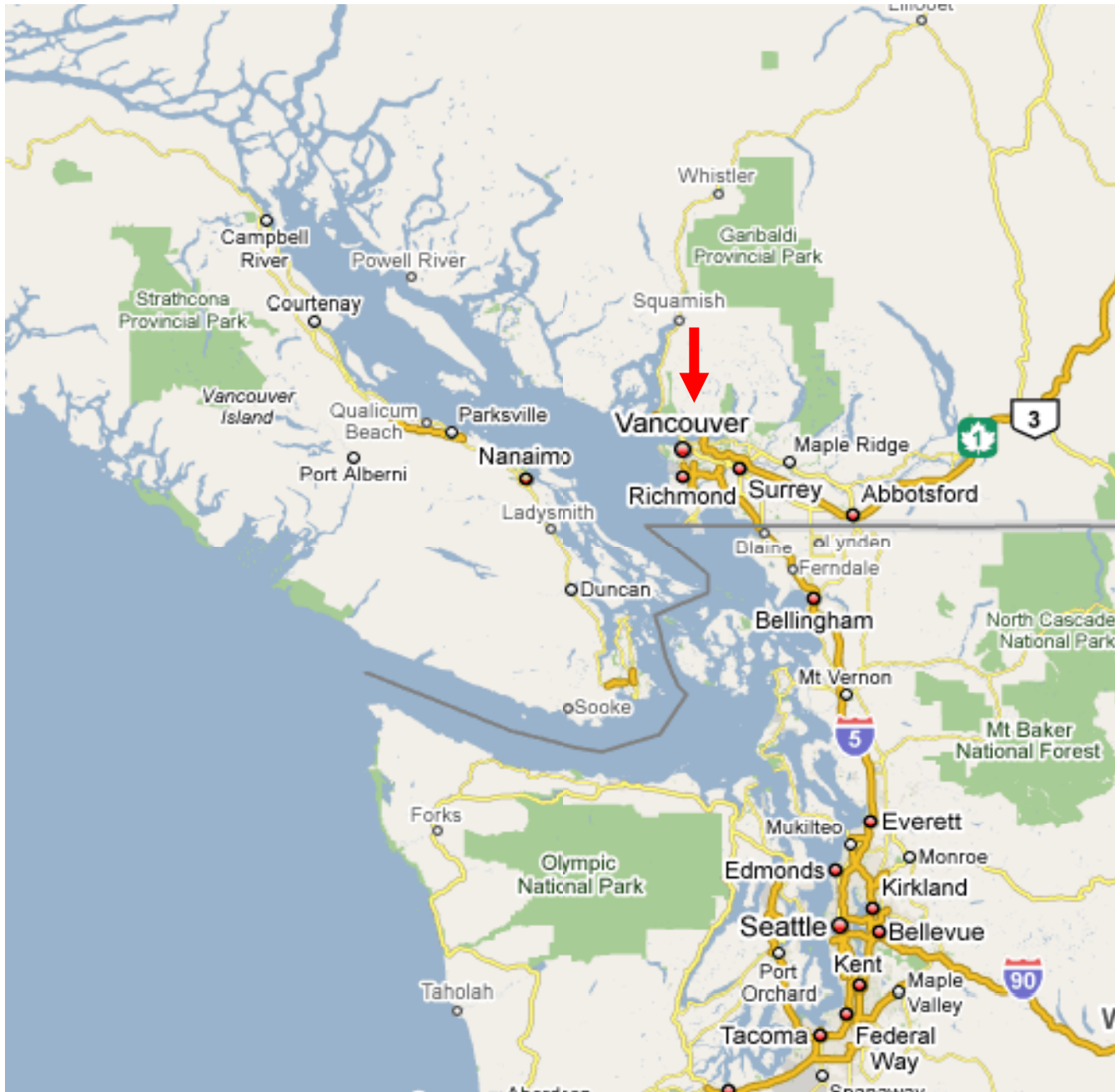
Martin Guldberg, Verizon Wireless

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/>





CQR2010 Patrons



Thank you!

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/>



Gulf of Mexico

Miami



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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

Other Activities

- Membership upgrade (Member to Senior Member; SM to Fellow)
- IEEE Distinguished Lecturers
- Standards
- Publication (ComMag Feature Topic issue)
- Conference sponsorship endorsement

ComMag Feature Topic Issue

- **Feature topic:** [Network Disaster Recovery](#)
- **Scope:** Challenges, Strategies, Field Performance Results as seen by major service providers and business customers; Lessons learned from recent disasters
- **Guest Editors**
 - Chi-Ming Chen, AT&T Labs, CQR Advisory Board Chair
 - Anil Macwan, Alcatel-Lucent, CQR Chair Elect
 - Jason Rupe, Qwest, CQR, and IEEE Reliability Society
- **Key dates**
 - Manuscript Submission Due: **June 1, 2010**
 - Acceptance Notification: **September 1, 2010**
 - Final Manuscript Due: **October 15, 2010**
 - Publication: **January 2011**

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

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
- Please submit papers to ICC 2011, Kyoto, Japan