IEEE Communications Society
TECHNICAL COMMITTEE
ON
Communications Quality & Reliability

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)

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>Affiliation</th>
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</thead>
<tbody>
<tr>
<td>Chair</td>
<td>Hiromi Ueda, Tokyo Univ. of Technology</td>
<td></td>
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<tr>
<td>Chair Elect</td>
<td>Anil Macwan, Alcatel-Lucent</td>
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<tr>
<td>Vice-Chair-Operations</td>
<td>Hideaki Yoshino, NTT</td>
<td></td>
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<tr>
<td>Vice-Chair-Programs</td>
<td>Peter Hoath, BT</td>
<td></td>
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<tr>
<td>Vice-Chair-Publications</td>
<td>Weider Yu, San Jose State Univ.</td>
<td></td>
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<tr>
<td>Secretary</td>
<td>Tetsuya Yokotani, Mitsubishi Electric Co.</td>
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<tr>
<td>Treasurer</td>
<td>Kevin Krantz, Ericsson</td>
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## Advisory Board

<table>
<thead>
<tr>
<th>Name</th>
<th>Affiliation</th>
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<tbody>
<tr>
<td>Chi-Ming Chen (Advisory Board Chair), AT&amp;T</td>
<td></td>
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<tr>
<td>Kenichi Mase (Advisory Board Chair Emeritus), Niigata Univ.</td>
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<td>Karl Rauscher, EastWest Institute</td>
<td></td>
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<tr>
<td>Koichi Asatani, Kogakuin Univ.</td>
<td></td>
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<tr>
<td>Kelly Krick, Ericsson</td>
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<td>Raymond Bonelli, Consultant</td>
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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.
- 2011 IEEE Online Green Communications Conference (Sep 26-29, 2011)
- Next TCS (Technically Co-Sponsorship) application revision is underway.
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
<table>
<thead>
<tr>
<th>Year</th>
<th>ICC</th>
<th>GLOBECOM</th>
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<tbody>
<tr>
<td>2008</td>
<td>5/19-23, Beijing, China Hiromi Ueda</td>
<td>11/30 – 12/4, New Orleans Toshinori Tsuboi</td>
</tr>
<tr>
<td>2009</td>
<td>6/14-18, Dresden, Germany Hiromi Ueda</td>
<td>11/30 – 12/4, Honolulu Hajime Nakamura</td>
</tr>
<tr>
<td>2010</td>
<td>5/23-27, Cape Town, South Africa Toshinori Tsuboi</td>
<td>12/06-10, Miami Hideaki Yoshino</td>
</tr>
<tr>
<td>2011</td>
<td>6/05-09, Kyoto, Japan Toshinori Tsuboi</td>
<td>12/01-05, Houston Tetsuya Yokotani</td>
</tr>
<tr>
<td>2012</td>
<td>6/10-15, Ottawa, Canada Hideaki Yoshino</td>
<td>12/03-07, Anaheim Tetsuya Yokotani</td>
</tr>
<tr>
<td>2013</td>
<td>6/09-13, Budapest, Hungary Tetsuya Yokotani</td>
<td>12/09-13, Atlanta Hideaki Yoshino</td>
</tr>
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</table>

- 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

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

* The largest number as our symposium
CQRM symposium, ICC 2011, Kyoto, Japan

• CQR-TC supports the CQRM symposium in ICC 2011, Kyoto, Japan as well.
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/
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 Coranado, Coranado, 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)

• 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 ICC 2011, Kyoto, Japan