ComSoc 26 Technical Committees plus 7 Emerging Technology Initiatives

https://www.comsoc.org/committees/technical-committee

- Ad Hoc & Sensor Networks
- Big Data
- 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
- Green Communications & Computing

- Information Infrastructure & Networking
- Innovation & Standards in Information & Communication Technologies (ISICT)
- Internet
- Multimedia Communications
- Network Operations & Management
- Optical Networking
- Power Line Communications
- Radio Communications
- Satellite & Space Communications
- Signal Processing & Communications Electronics
- Social Networks
- Transmission, Access, & Optical Systems
- Wireless Communications

https://www.comsoc.org/committees/emerging-technologies-initiatives

CQR: IEEE ComSoc 5-year TC Recertification completed May 2017
CQR Websites and Social Media

Led by Vice-Chair Social Media, Chris Mayer

http://cqr.committees.comsoc.org/
and http://cqr2019.ieee-cqr.org/
@ieeecqr
LinkedIn
Facebook

• CQR email exploder (‘CQR-TC@comsoc.org’)

Welcome to the Communications Quality & Reliability Technical Committee

What’s New

• 2017 Emerging Technology Reliability Round Table will be held in Bologna, Italy on July 3, 2017
• Huawei is a CQR 2017 Gold Sponsor
• Technical Paper submission deadline extended, again, to February 27, 2017
• CQR 2017 Workshop is now Open for Registration
• CQR 2017 has released a Call for Papers with Important Dates
• CQR Technical Committee Meeting will be held at IEEE GLOBECOM on Tuesday Dec. 6, 2016 from 2:30 to 4:30pm
• CQR 2017 will be held at Naples Beach Hotel & Golf Club, Naples, Florida, May 16-18, 2017
• CQR2016 was held at Skamania Lodge, Stevenson, Washington, May 10-12, 2016
• CQR 2015 was held in Charleston, South Carolina, May 12-14, 2015 at the Francis Marion Hotel
• 2015 CQR Chairman’s Awards were presented in the CQR 2015 Workshop in Charleston, South Carolina
Significant Accomplishments (Past 12 months)

• CQR-TC representative on ComSoc Student Competition 2017-18, Kohei Shiomoto
• CQRM Symposia
  • ICC 2018, Co-Chair Eiji Oki, May, Kansas City, US
  • GlobeCom 2018, Co-Chair Eiji Oki, May, Abu Dhabi, UAE
• Emerging Technologies Reliability (ETR) Roundtable: ‘Ultra-Reliability for 5G’, May 14, Austin TX
• CQR Workshop 2018, May 14-17, Austin, TX
• CQR Qorkshop 2019, April 15-18, Naples, FL
  • 9 Peer Reviewed Published Papers
  • 1 Best Paper Award
  • 4 Chairman’s Awards Recipients
  • 1 CQR Lifetime Service Award Recipient
## IEEE: Upcoming CQRM Symposia

<table>
<thead>
<tr>
<th>Year</th>
<th>ICC</th>
<th>GLOBECOM</th>
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<tbody>
<tr>
<td>2018</td>
<td>5/19-5/25, Kansas City Eiji Oki</td>
<td>12/9-12/13, Abu Dhabi, UAE Eiji Oki</td>
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<tr>
<td>2019</td>
<td>5/20-5/24, Shanghai, China Stefano Giordano</td>
<td>12/9-12/13, Waikoloa Village, Hawaii Eiji Oki and Katsunori Yamaoka</td>
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<tr>
<td>2020</td>
<td>6/7- 6/11, Dublin, Ireland Miki Yamamoto</td>
<td>12/7-12/11, Taipei, Taiwan Hidenori Nakazato</td>
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CQR Workshop 2019

Naples Beach Hotel and Golf Club
Naples, FL
April 15-18, 2019
2019 Initiatives

- CQR Workshop 2019
- CQR Workshop 2020 Planning
- CQRM Symposia for ICC 2019 and GC 2019
- Nominate Co-Chairs for CQRM Symposia for ICC 2020 and GC 2020
- Emerging Technologies Reliability (ETR) Roundtable 2019
- Promote CQR members to IEEE Senior Member status
- Identify a nominee from CQR to be IEEE Distinguished Lecturer
- 2020-21 Term Elections, November 2019
2020 CQR Workshop
Skamania Lodge

Stevenson, WA
May 11-14 2020
OPEN DISCUSSION
Any other business?

Q&A

Communications
Quality and Reliability
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:
  1. **Service** Quality and Reliability
  2. **Network** Quality and Reliability
  3. **Product and System** Quality and Reliability
2018-19 Officers

• Chair Scott Poretsky, Allot Communications, USA

• Chair-Elect Tetsuya Yokotani, Kanazawa Institute of Technology, Japan

• Vice Chair – Social Media Chris Mayer, Solstice technical Consulting, USA

• Vice Chair - Operations Kohei Shiomoto, Tokyo City Univ. , Japan
2018-19 Officers (Cont.)

• Vice Chair – Program Development Jason Boswell, Ericsson, USA

• Treasurer Kevin Krantz, Ericsson, USA

• Secretary Tara Timblin, Comtech Telecommunications, USA
CQR Advisory Board Members

Chair

- Hideaki Yoshino, Nippon Institute of Technology, JP

Honorable 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, GIIC, US
- Koichi Asatani, Nankai Univ., CN
- Raymond Bonelli, Consultant, US
CQR Annual 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 2004-2017

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## IEEE : CQRM Symposia

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<tr>
<th>Year</th>
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<tbody>
<tr>
<td>2003</td>
<td>5/11-15, Anchorage Koichi Asatani</td>
<td>12/01-05, San Francisco ---</td>
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<tr>
<td>2005</td>
<td>5/16-20, Seoul, Korea Hiromi Ueda</td>
<td>11/28 – 12/2, St. Louis ---</td>
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<tr>
<td>2008</td>
<td>5/19-23, Beijing, China Hiromi Ueda</td>
<td>11/30 – 12/4, New Orleans Toshinori Tsuboi</td>
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<tr>
<td>2009</td>
<td>6/14-18, Dresden, Germany Hiromi Ueda</td>
<td>11/30 – 12/4, Honolulu Hajime Nakamura</td>
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## IEEE : CQRM Symposia (Cont.)

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<tr>
<th>Year</th>
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<tbody>
<tr>
<td>2010</td>
<td>5/23-27, Cape Town, South Africa Toshinori Tsuboi</td>
<td>12/06-10, Miami Hideaki Yoshino</td>
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<tr>
<td>2011</td>
<td>6/05-09, Kyoto, Japan Toshinori Tsuboi</td>
<td>12/05-09, Houston Tetsuya Yokotani</td>
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<td>2012</td>
<td>6/10-15, Ottawa, Canada Hideaki Yoshino</td>
<td>12/03-07, Anaheim Tetsuya Yokotani</td>
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<tr>
<td>2013</td>
<td>6/09-13, Budapest, Hungary Tetsuya Yokotani</td>
<td>12/09-13, Atlanta Hideaki Yoshino</td>
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<td>2014</td>
<td>6/10-14, Sydney, Australia Kohei Shiomoto</td>
<td>12/8-12, Austin Weider Yu</td>
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<td>2015</td>
<td>6/8-12, London, UK Kelly Krick</td>
<td>12/6-10, San Diego Kohei Shiomoto</td>
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<tr>
<td>2017</td>
<td>5/21-25, Paris, France Kohei Shiomoto</td>
<td>12/4-12/8, Singapore ---</td>
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