



CQR

TECHNICAL COMMITTEE
ON
COMMUNICATIONS QUALITY & RELIABILITY

CALL FOR PAPERS

2010 IEEE International CQR Workshop

June 8 – 10, 2010

The Westin Bayshore, Vancouver

Vancouver, British Columbia, Canada

The annual IEEE CQR International Workshop is held with the purpose of bringing together industry and academic experts to present and discuss communications quality, reliability and security issues as they relate to real world issues. Continuing the tradition, CQR2010 will provide an international technical forum for experts from industry and academia to exchange ideas and present results of ongoing research in two program tracks: **Industry-focused Strategic Track** and **Technical Paper Track**.

For the **Strategic Track**, 3 themes aligned with CQR's Charter: quality & reliability of **Service, Network and Product/System** are being organized. Topics and presentations of past years can be found on the CQR events page <http://www.comsoc.org/~cqr/events.html>. Please visit the CQR2010 website for the updated program in the future. <http://www.ieee-cqr.org/>

In addition, there will be a special theme on the telecommunications of Olympic Games. In the Millennium Workshop (CQR2000), select industry executives, seasoned managers, and senior subject matter experts from sponsor organizations of world-class events, telecommunication companies, and government officials of host cities/countries came together to discuss the requirements and steps necessary to build and operate a "Perfect Network" for such events. Among them were people who played a pivotal in the success of the Winter and Summer Olympiads in the 1992-2006 period. They shared experiences, plans, "do lists", and their vision to ensure a "Perfect Service". The three intense days of selected presentations focused on how to avoid "re-inventing the wheel" every time that a city or country becomes a candidate/host for such world class events. The output of the Millennium Workshop was published in a well received special issue of the IEEE Communications Magazine (July 2001, Vol. 39, No. 7).

Ten years later, this sequel CQR Workshop will focus on the unique challenges of hosting Olympiads in the Internet and wireless era. The telecommunications technology for the Olympic Games has gone through remarkable changes since 2000. Following a technological migration path, the Olympic Networks are evolving to a Next Generation Network (NGN), which is a packet-based network that seamlessly supports data, voice, and video services. However, evolving network architectures and technologies pose interesting challenges in measuring the "end-to-end" reliability and QoS, two critical aspects regarding the resilience of the Olympic Networks.

The goal of this sequel workshop is to cover the Winter and Summer Olympic Games in the 2008-2016 period. Key people from the International Olympic Committee, the Organizing Committees, the Grand Telecom Sponsors, and the telecom industry involved in the telecommunications aspects of those Games will be invited to participate.



For the **Technical Paper Track**, you are invited to submit a paper related to various aspects of QoS and Reliability for the following topics and technical areas:

Topics	Detailed Technical Areas
<ul style="list-style-type: none"> • Grid and Distributed Computing • Mobile and Ad Hoc Networks • Overlay Networks • Multimedia Networks and VoIP Services • VPN, MPLS and Multicast Services • Web Services • Broadband Audio Visual Services • Multi-sensory Communications • Current and Next-generation Internet • Emerging Technologies and Services 	<ul style="list-style-type: none"> ▪ Measurements Techniques ▪ Network Architecture and Design ▪ Network Security ▪ Network Survivability ▪ Operations, Administration and Maintenance ▪ QoS Metrics and Measurement ▪ QoS Policy and Assessment ▪ QoE Assessment and Management ▪ Traffic Control ▪ Traffic Modeling and Characterization
Paper Submission Guidelines	Committee Members
<p>Papers should describe original work, and be 4-6 two-column and single-spaced pages in IEEE conference style. The cover page should clearly indicate the complete postal and electronic mailing addresses, as well as the phone and fax numbers of the contact author. Paper submissions must be made electronically via e-mail attachment in PDF format to cqr-submission@ieee-cqr.org.</p> <p>Hardcopy submissions will not be accepted. For more information, please visit: http://www.ieee-cqr.org/</p>	<p>General Program Co-Chairs James Runyon, Alcatel-Lucent, USA jrunyon@alcatel-lucent.com Martin Guldberg, Verizon Wireless, USA martin.guldberg@verizonwireless.com</p> <p>Technical Program Chair Yutaka Ishibashi, Nagoya Institute of Technology, Japan ishibasi@nitech.ac.jp</p> <p>TPC Members For a complete list of the TPC members, please visit the CQR2010 website http://www.ieee-cqr.org/</p>
Key Dates	Workshop Venue
<p>Jan. 12, 2010 Paper submission deadline Mar. 15, 2010 Notification of acceptance Apr. 12, 2010 Camera-ready paper submission deadline Jun. 8-10, 2010 CQR2010 Workshop</p>	<p>The Westin Bayshore, Vancouver (proposed venue) 1601 Bayshore Drive, Vancouver, British Columbia V6G 2V4, Canada http://www.westin.com/bayshore</p>
C Q R Officers (2008-2009)	
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CQR Technical Committee Home Page: <http://www.comsoc.org/~cqr/index.html>