###### CQRLogo

###### TECHNICAL COMMITTEE

###### ON

###### COMMUNICATIONS QUALITY & RELIABILITY

**CALL FOR PAPERS**

**s**

2018 IEEE International CQR Workshop

May 15-17, 2018

AT&T Executive Education and Conference Center

Austin, TX, USA

The IEEE CQR International Workshop is held annually 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. The output from the workshops adds to the community's body of knowledge and serves to inform, to help form opinion, and to assist in the development of best practice and relevant standards. For more information, please visit: [http://cqr2018.ieee-cqr.org/authors/call-for-papers/](http://cqr2017.ieee-cqr.org/authors/call-for-papers/).

Continuing the tradition of this series of workshops, CQR 2018 will provide an international technical forum for experts from industry and academia to exchange ideas and present results of ongoing research in the areas listed below.

You are invited to submit a paper related to various aspects of QoS and Reliability for the following networks/services, but are not limited to:

* Grid and Distributed Cloud Computing
* Software Defined Networks
* Network Function Virtualization
* Data Center Networks
* Information-Centric Networking
* Vehicular Networks
* Cognitive Radio Networks
* Delay Tolerant Networks
* Internet of Things (IoT)
* 5G Mobile Networks
* Network Slicing
* Edge/Fog Computing
* MIMO Communications
* Robotics

The topics of interest include:

* Application of Data Analytics
* Network Architecture and Design
* Network Security
* Network Survivability
* Operations, Administration and Maintenance
* QoS Metrics and Measurement
* QoS Policy and Assessment
* QoE Assessment and Management
* Resource Allocation and Management
* Security and Reliability Issues
* Impact of Security on QoE
* Scheduling and Buffer Management
* Traffic Control
* Traffic Modeling and Characterization

For additional information on this CFP, please contact Technical Program Co-Chairs.

Please note that, CQR2018 has two programs: Technical and Strategic. This Call For Paper covers the Technical Program only. For more information on the Strategic Program, please visit the CQR2018 website or contact the General Program Co-Chairs.

|  |  |  |
| --- | --- | --- |
|  | |  |
| **Paper Submission Guidelines**  Papers should describe original work, and be 4-6 two-column, single-spaced pages, and formatted according to the [**IEEE manuscript template for conference proceedings**](http://www.ieee.org/conferences_events/conferences/publishing/templates.html). Paper submission must be made via **EDAS  http://edas.info/N24334**    Papers accepted for CQR 2018 will be included in the Workshop Proceedings and IEEE Xplore with the exception that IEEE reserves the right to exclude any paper from distribution after the conference (e.g., removal from IEEE Xplore) if the paper is not presented at the conference. | | **Committee Members**  **General Program Co-Chairs**  **Jason Boswell,** Ericsson,USA  [jason.boswell@ericsson.com](mailto:jason.boswell@ericsson.com)  **Peter Thermos,** Palindrome Technologies, USA  [peter.thermos@palindrometech.com](mailto:peter.thermos@palindrometech.com)  **Technical Program Chairs**  **Hidenori Nakazato**, Waseda University, Japan  [nakazato@waseda.jp](mailto:nakazato@waseda.jp)  **Kai Zeng,** George Mason University, USA  [kzeng2@gmu.edu](mailto:kzeng2@gmu.edu)  **TPC Members** For a complete list of the TPC members, please visit the CQR2018 website<http://www.ieee-cqr.org/> |
| **Key Dates**  **Jan. 30, 2018** Paper submission deadline  **Mar. 14, 2018** Notification of acceptance to authors  **Mar. 28, 2018** Camera-ready paper and registration  **May 15-17, 2018** CQR2018 Workshop | | **Workshop/Hotel Venue**  AT&T Executive Education and Conference Center  1900 University Avenue  Austin, TX, USA 78705  <http://www.meetattexas.com/> |
| **C Q R Officers (2016-2017)** | | |
| **Chair Chair-Elect Vice Chair – Operations Vide Chair – Program Development**  **Vice Chair – Publications Vice Chair – Social Media**  **Secretary Treasurer Advisory Board Chair Advisory Board Members** | **Scott Poretsky**, Allot Communications, USA **Tetsuya Yokotani,** Kanazawa Institute of Technology., Japan **Kohei Shiomoto**, Tokyo City University, Japan  **Michael P. Ryan**, Verizon Wireless, USA  **Wei-Der Yu**, San Jose State Univ., USA  **Chris Mayer**, Solstice Technical Consulting, USA **Tara Timblin,** Comtech Telecommunications Corp, USA  **Kevin Krantz**, Ericsson, USA **Hideaki Yoshino,** Nippon Institute of Technology, Japan  **Kelly Krick**, Ericsson, USA  **Hiromi Ueda**, Tokyo University of Technology, Japan  **Chi-Ming Chen**, AT&T Labs, USA  **Kenichi Mase**, Niigata University, Japan  **Karl Rauscher**, Global Information Infrastructure Commission, USA  **Koichi Asatani**, Kogakuin University, Japan  **Ray Bonelli**, Consultant, USA | |

## CQR Technical Committee Home Page: <http://cqr.committees.comsoc.org/>