

**Communications Switching and Routing Technical Committee
(TC-CSR) Meeting Minutes
(To be approved at ICC 2020)
Meeting at Globecom 2019 Waikoloa, Hawaii
Location: Naupaka Salon 5, Marriott Waikoloa
7:30 am – 9: 30 am, December 11, 2019**

The TC-CSR bi-annual meeting was held during Globecom 2019 on Wednesday, December 11, 2019 in Marriott Waikoloa, Hawaii, USA. The meeting started at 7:30 am and adjourned at 9:30 am. The current TC Chair Dr. Jun Zheng was not able to attend the meeting and the Vice Chair Dr. Jian Tang chaired the meeting. Dr. Lotfi Mhamdi recorded the meeting minutes.

1. Welcome and Introduction

The Vice Chair, Dr. Jian Tang opened the meeting and welcomed the attendees. Total of 28 people attended the meeting. The list of people attending the meeting is enclosed at the end of the minutes. A conference call was set up Dr. Jian Tang. We had Dr. Jun Zheng and Dr. Roberto Rojas-Cessa called in.

The Vice Chair proposed the agenda of the meeting, which was accepted by the attendees. The Chair introduced the current TC officers:

- Chair: Jun Zheng
- Vice Chair: Jian Tang
- Secretary: Lotfi Mhamdi
- HPSR Chair: Abbas Jamalipour
- Award and Sponsorship Events Chair: Abdelhamid Mellouk
- Comsoc Student Competition Officer: Roberto Rojas-Cessa
- Standardization Committee Liaison Officers:
 - Nirmala Shenoy
 - Hesham ElBakoury
- SIG Officer: Scott Fowler
- Newsletter Officer: Lotfi Mhamdi

2. Approval of the TC Meeting Minutes during ICC2019

The minutes of the last TC meeting held during ICC 2019 were briefly shown by the Chair and was approved by all attendees through a vote. The approved minutes are available at the TC-CSR web site at: <https://csr.committees.comsoc.org/conferences/>. The webpage can be accessed at: <http://csr.committees.comsoc.org/>

3. Report from The Chair

- **TC Membership Form**
 - ComSoc prepared a form to help TC Chairs gather information on TC membership.

- TC Chairs are required to request subscribers of the TC mailing list to fill this form (Deadline: May 30, 2019).
 - Information in the filled forms will provide TC Chairs with a clear view of their TC membership after May 2019.
 - Information on TC membership is important for the TC recertification and election.
 - The number of subscribers in the TC mailing list will no longer be considered as a precise measure of the TC membership. However, a TC can continue to list this information in the TC recertification form.
 - It is critical for TC members to complete this form for future involvement in CSR TC activities, including TC election voting, TC nomination, conference/workshop endorsement, etc.
- **2020-2021 ComSoc Distinguished Lecturer Nominations**
 - Notification was received from ComSoc DL Selection Standing Committee Chair, Dr. Shiwen Mao, on July 22, 2019.
 - Call for nominations was sent to the TC mailing list on Aug. 1, 2019.
 - Important facts about the nomination process:
 - DLs must be a Senior Member of IEEE or higher, and a member of ComSoc.
 - DLs must be willing to create a conference tutorial if requested.
 - A nominee may be nominated by either a person or a TC; self-nomination is allowed, but a TC nomination is preferred.
 - Nominators must be IEEE ComSoc members and IEEE Senior Member or higher.
 - Incoming class of DLs will be announced at Globecom 2019.
 - New DLs will serve a two-year term (Jan.1, 2020-Dec. 31, 2021) with an option to request an additional term.
- Three nominations were received and all were nominated:
 - Nominee 1
Mohammed Atiquzzaman, University of Oklahoma, USA
Ph.D, IEEE Senior Member
 - Nominee 2
Abdelhamid Mellouk, University of Paris-Est, France
Ph.D, IEEE Senior Member
 - Nominee 3
Zhengsheng Zhang, Boeing, USA (retired)
Ph.D, IEEE Fellow
- **CSR TC Procedures & Policies Update**
 - Request for updating the TC P&P received from Nelson, VP TEA-C, on Oct. 9, 2019;
 - The P&P was updated by Jun Zheng based on the TEA-VP's guidelines and the updated P&P was uploaded for approval before GC 2019 (**required**);
 - A feedback was received from the TEA-VP and the TCB Director on Dec. 11. It is commented that "Your P&Ps are in very good shape and consistency with the ComSoc P&P."
 - The updated TC P&P was discussed and approved at this TC meeting.

4. The newsletter report by Lotfi Mhamdi

- The Newsletter has been proposed and approved and initiated the CSR-TC meetings in ICC'17, Paris and Globecom'18, Singapore.
- A means of sharing news, information and communications amongst members of the CSR and beyond.
- Open to everybody to contribute.
- Approximately 2 issues per year.
- First issue just published in December 2018



June 2019

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Preface

Welcome to the second edition of the IEEE Technical Committee on Communications Switching and Routing (CSR Newsletter). This is the first issue for 2019. The purpose this newsletter is to provide specialized information to the members of the CSR and the communications community at large.

the newsletter aims at inviting the authors of successful research projects and experts from the committee members and the larger communications community about CSR-related research activities to share their experience and knowledge by contributing in short news.

This issue continues to bring to you the latest news of our technical committee by providing information about our meetings, events activities and members news.

I would like to thank the colleagues who shared with us their latest news. I hope you will enjoy this issue and I look forward to further good members news to share.

Lotfi Mhamdi
CSR Secretary and Newsletter editor

TC-CSR

The objective of the Technical Committee on Communications Switching and Routing (TC CSR) is to advance the state of the art in theory and applications of information switching and networking by the following:

- To bring together professionals with interests in various aspects of Communications Switching and Routing such as theory and architecture (B-ISDN/ATM, optical switching), teletraffic theory, mobility and call control, signalling protocol, Intelligent Networks and service features, switching software architecture, management, economics, and applications of switching and routing systems.
- To provide a forum for discussion and exchange of technical matters among members in the committee meetings, special interest group meetings, topical meetings, and workshops.
- To sponsor technical sessions at conferences and stimulate high quality technical papers for conferences and IEEE publications.
- To organize special issues of IEEE publications.

Welcome to the CSR
Newsletter.

- Newsletter content
 - Fix (almost) content/sections: Preface, TC-Meetings, committees, etc.
 - Variable content: Contributions of the TC members, news, events, etc. -> **Contributions Needed here**
 - Few proposals for the newsletter content were suggested, such as including the list of publications per TC member for the last 6 months, or having a small template for news of the TC members.
- **TC-Website by Lotfi Mhamdi**
 - A number of updates on the website has been updated.
 - i. Committees
 - ii. Events and activities updates to:
 - iii. the Conferences organization,
 - iv. CSR-TC Distinguished Technical Achievement Award,
 - v. CSR-TC Distinguished Service Award
 - A Newsletter link/tab is to be added (replace the “News” tab). Link: <http://csr.committees.comsoc.org/news-2/>

5. Discussion about the Special Interest Groups (SIGs) by Scott Fowler

- **Report (Scott Fowler)**

6. Report about the ComSoc student competition 2019

- **Report (Roberto Rojas-Cessa)**
 - Committee Chairs: Stefano Bregni and Nelson Fonseca,
 - Selection Committee: 51 members
 - Eligible submissions received: 49
 - Prizes awarded at Globecom 2019.
 - **FIRST PRIZE (ex aequo)**
 - 1. MiNiMAP: Localization and Tracking in a Multistatic Millimeter Wave
MILLER Samuel, Massachusetts Institute of Technology, USA
 - 2. AirScope: An Indoor Air Quality Monitoring System with Distributed Multi-Robots
HU Zhiwen, Peking University, China
 - 3. LICOT: Litter-Information-Centric Ocean of Things
RAHMATI Mehdi, Rutgers University, USA
 - **SECOND PRIZE**
 - Sons- A Smart Outdoor Navigation System for Visually Impaired People
SHIBER Aviad, Technion - Israel Institute of Technology, Israel
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7. Report about TC-standardization liaison by Nirmala Shenoy

Report (Nirmala Shenoy)

8. 2019 Distinguished Service Award

- **Highlights**
 - Established in 2014
 - To recognize ComSoc CSR TC members for their activities and contributions in the fields covered by CSR
 - Nominated by CSR TC members
 - Selected by the CSR TC Awards Committee
 - An Award consists of a plaque.
 - Any CSR TC member is eligible for being nominated.
- **Award Winners (2014-2018)**
 - 2014: Hussein Mouftah, University of Ottawa, Canada
 - 2015: Shiwen Mao, Auburn University, USA
 - 2016: N/A
 - 2017: Naoaki Yamanaka, Keio university, Japan

○ 2018: Guoliang Xue, Arizona State University, USA

- Call for Nominations was sent to the TC mailing list on Oct. 9 and Nov. 10, 2019
- No nominations were received

9. Conferences and Workshops

- **Reports about HPSR (Abbas Jamalipour),**
 - HPSR is the International Conference on High Performance Switching and Routing.
 - HPSR is run annually by CSR-TC and is the flagship conference of CSR-TC.
- **Report on ICC/GLOBECOM**
 - CSR TC traditionally sponsors three ICC/GLOBECOM symposia:
 - **Next Generation Networks and Internet (NGNI)**
 - Optical Networks and Systems (ONS)
 - Mobile and Wireless Networking (MWN)

10. Reports about recent GC and ICC

Upcoming GC/ICC Venues

Conference	Location	Date
ICC'19	Shanghai, China	May 20-24, 2019
GC'19	Hawaii, USA	Dec.9-13, 2019
ICC'20	Dublin, Ireland	June 7-11, 2020
GC'20	Taipei, Taiwan	Dec. 7-11, 2020
ICC'21	Montreal, Canada	June 14-18, 2021

GC'21	Madrid, Spain	Dec. 7-11, 2021
ICC'22	Seoul, Korea	May 16-20, 2022
GC'22	Rio de Janeiro, Brazil	Dec. 4-8, 2022
ICC'23	Rome, Italy	May 28-June 1, 2023

Conferences and Workshops

GLOBECOM 2019 (Hawaii, USA)

- NEXT GENERATION NETWORKING AND INTERNET SYMPOSIUM

- Laurent Ciavaglia, Nokia Bell Labs, France*
- Luca Foschini, Università di Bologna, Italy*
- Alessio Botta, University of Napoli Federico II, Italy*

- Statistics:

- No. of papers submitted: 192
- No. of TPC members: 193
- No. of accepted: 77
- Acceptance ratio: 40%

- OPTICAL NETWORKS AND SYSTEMS SYMPOSIUM

- Reza Nejabati, University of Bristol, UK*
- Mohan Gurusamy, National University of Singapore, Singapore*

- Statistics:

- No. of papers submitted: N/A
- No. of TPC members: N/A
- No. of accepted: N/A
- Acceptance ratio: N/A

- Mobile and WIRELESS NETWORKING SYMPOSIUM

- Jun Zheng, Southeast University, China (TC representative)*
- Qiang Li, Huazhong University of Science and Technology, China*
- Lin Bai, Beihang University, China*
- Chia-Han Lee, National Chiao Tung University, Taiwan*

- Statistics:
 - No. of papers submitted: 258
 - No. of TPC members: 349
 - No. of accepted: 100
 - Acceptance ratio: 38.80%

ICC 2020 (Dublin, Ireland)

- Next Generation Networking and Internet Symposium
 - Nadjib Aitsaadi, University of Paris Est, France*
 - Chi Liu, Beijing Institute of Technology, China (TC representative)*
 - Muhammad Ali Imran, University of Glasgow, UK*

- Statistics:
 - No. of papers submitted: 181
 - No. of TPC members: 257

- Optical Networks and Systems Symposium
 - Zuqing Zhu, University of Science and Technology, China*
 - Roberto Rojas-Cessa, New Jersey Institute of Technology, USA (TC representative)*

- Statistics:
 - No. of submissions: 54
 - No. of TPC members: 79
 - Papers are under review.

- Mobile and WIRELESS NETWORKING SYMPOSIUM
 - Mehdi Bennis, University of Oulu, Finland*
 - Baoxian Zhang, University of Chinese Academy, China*
 - Lin Gao, Harbin Institute of Technology, China*
 - Ismail Guvenc, North Carolina State, USA*

- Statistics:
 - No. of submissions: 155
 - No. of TPC members: 309
 - Papers are under review.

GLOBECOM 2020 (Taipei, Taiwan)

- Next Generation Networking and Internet Symposium
 - Lotfi Mhamdi, University of Leeds, UK (TC representative)*
 - Rami Langar, University Paris East Marne-la-Vallee, France*
 - Jerzy Domżał, AGH University of Science and Technology, Poland*

- Optical Networks and Systems Symposium
 - Jiajia Chen, Chalmers University of Technology, Sweden*
 - Abdelmoula Bekkali, KDDI Research Inc., Japan*

- Mobile and WIRELESS NETWORKING SYMPOSIUM
 - Mohamad Assaad, CentraleSupélec, France*
 - Dongmei Zhao, McMaster University, Canada*
 - Ai-Chun Pang, National Taiwan University, Taiwan*
 - Anna Maria Vegni, Roma Tre University, Italy*

ICC 2020 (Montreal, Canada)

- Next Generation Networking and Internet Symposium
 - Periklis Chatzimisios, International Hellenic University, Greece*
 - Shiwen Mao, Auburn University, USA (TC representative)*
 - Ruidong Li, Network System Research Institute, Japan*

- Optical Networks and Systems Symposium
 - Elaine Wong, The University of Melbourne, Australia*
 - Chad Assi, Concordia University, Canada*

- Mobile and WIRELESS NETWORKING SYMPOSIUM
 - Tingting Yang, Beijing Univ. of Posts and Telecommunications, China*
 - Sharief Oteafy, DePaul University, USA*
 - Hesham Elsayy, King Fahd University of Petroleum and Minerals, Saudi Arabia*
 - Jun Zheng, Southeast University, China (nominated by AHSN TC)*

GC 2021 (Madrid, Spain)

- Request for symposium co-chair nominations was received from GC 2021 TPC Chair, Rui Dinis, on Oct. 17, 2019. Call for nominations was sent to the CSR TC mailing list in February, 2018

- Call for nominations was sent to the CSR TC mailing list in Nov. 6, 2019.
- Each nominee must meet the following criteria:
 - Have committed time and effort to handle the entire review process and to timely report statistics to the CSR-TC.
 - Have not served or have not been selected to serve as a symposium co-chair for 3 ICC/GC conferences prior to ICC 2021 (i.e., GC 2019 to GC 2021). Meanwhile, have not been selected to serve as a symposium co-chair for ICC 2021.
 - Should be an active CSR-TC member and has attended at least one TC meeting in the past two years.
- The following information is required to be included in a nomination/self-nomination:
 - A list of up to three symposia or tracks that the nominee is interested in co-chairing (in order of priority).
 - A short biography with a URL to the nominee’s webpage and a list of all ICC/GLOBECOM symposia/tracks that the nominee has chaired or will chair, emphasizing nominee's track record in conference leadership.
 - A nominee's past involvement in or contributions to CRS-TC.
- Two nominations were received and both were nominated.
 - Weixiao Meng, Harbin Institute of Technology, China
 - Zuqing Zhu, University of Science and Technology of China, China

11. CSR TC Officer Election (2019-2020)

- Nominations & Elections (N&E) Committee
 - ❖ Jun Zheng (Chair), Southeast University, China
 - ❖ Nirwan Ansari, New Jersey Institute of Technology, USA
 - ❖ Guoliang Xue, Arizona State University, USA
- Call for nomination sent on Nov. 16, 2019
- Three nominations/self-nominations received
- Candidates:
 - ❖ TC Chair: **Jian Tang**, Syracuse University, USA
 - ❖ TC Vice Chair: **Lotfi Mhamdi**, University of Leeds, UK
 - ❖ TC Secretary: **Cheng Li**: Memorial University, Canada

12. Other Business: N/A

13. List of attendees:

Guoliang Xue	Arizona State University	gsu@asu.edu
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