

**Communications Switching and Routing Technical Committee
(TC-CSR) Meeting Minutes
(To be approved at ICC2022)
Meeting at GC 2021
Location: Online Meeting
8:00am–10:00am EST, Tuesday, November 16, 2021**

CSR TC Officers:

Chair: Jian Tang

Vice Chair: Lotfi Mhamd

Secretary: Cheng Li

Number of Attendees: 26

1. Welcome and Introduction

The CSR TC Chair, Dr. Jian Tang opened the meeting and welcomed the attendees. A total of 26 people attended the meeting. A round of introduction was conducted for all meeting attendees. The list of people attending the meeting is enclosed at the end of the minutes. Due to Covid-19 pandemic, virtual on-line meeting was used for this TC meeting.

Dr. Jian Tang moved to approve the agenda of the meeting, which was approved unanimously by the attendees.

The Chair introduced the 2020-2021 TC officers:

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

2. Approval of the TC Meeting Minutes during ICC2021

The minutes of the last TC meeting held during ICC 2021 were circulated through the TC mailing list on November 12, 2021, and it was posted on the TC website at: <https://csr.committees.comsoc.org/files/2021/11/ICC-2021-Minutes.pdf>. The last meeting minutes was briefly reviewed by the Chair. It was moved by Dr. Jian Tang and seconded by Dr.

Cheng Li, and was approved unanimously by all attendees through the online vote. The webpage of the CSR TC can be accessed at: <http://csr.committees.comsoc.org/>

3. Special Interest Groups (SIGs, prepared by Scott Fowler, presented by Jian Tang)

- A new SIG is approved.
 - DIG Name: Addressing, Routing, and Interconnection of Limited Domains (ARILD)
 - Coordinator:
 - David Lou, Huawei Technologies, zhe.lou@huawei.com
 - Professor Alex Galis, UCL, a.galis@ee.ucl.ac.uk
 - About SIG
The solution space has been evolving in a fragmented way. Too many ad-hoc solutions can lead to unnecessary complexity, increased fragility and even security/privacy leakage. In order to avoid these potential risks, we need a common platform to foster the exchange of insights on existing practices and the discussion of techniques and emerging solutions and look for potential architectural patterns or common building blocks.
- We need to continue to find people/research groups to create SIGs.
- The topics of interest include:
 - Switching and Routing
 - Traffic Engineering
 - Network Signaling
 - Network Software, Hardware, and Middleware
 - Packet Network Applications
 - Network Processors
 - Network and Function Virtualizations
 - Data Center Networking and Cloud Computing
 - Mobile Networks
 - Energy Efficient and Green Networking
 - Information Networks
- Any interest please contact Scott.

4. ComSoc Student Competition 2021 (reported by Roberto Rojas-Cessa, Email: Roberto.rojas-cessa@njit.edu)

- Committee Chairs: Stefano Bregni and Nelson Fonseca
- Selection Committee: 53 (active) members, plus 2 officers
- Author Eligibility: Student member or Graduate Student Member of IEEE Communications Society. Or team with either student members or non-members, but led by a student member. Age 18+.

- ❑ Topic Eligibility: Communications Area
- ❑ Scoring criteria (5): Social impact, Technical content, Originality, Practical Applicability and Results, Quality of Presentation.
- ❑ Eligible submissions received: 53
- ❑ Prizes will be awarded in Globecom 2021.
- ❑ Awards: 1 prize: \$2000 + plaque, 2nd prize: \$1000 +plaque
- ❑ More info: <https://www.comsoc.org/communications-technology-changing-world>

- ❑ IEEE ComSoc Student Competition 2021
- ❑ There are 14 finalists, final decisions are underway
- ❑ The history of received eligible submission are presented.

5. Reports on Conferences and Workshops

- CSR TC traditionally sponsors three ICC/GLOBECOM symposia:
 - Next Generation Networks and Internet (NGNI)
 - Optical Networks and Systems (ONS)
 - Mobile and Wireless Networking (MWN)

- Upcoming GC/ICC Venues and Dates:

Conference	Location	Date
ICC 2021	Montreal, Canada	Jun. 14-18, 2021
Globecom 2021	Madrid, Spain	Dec. 7-11, 2021
ICC 2022	Seoul, Korea	May 16-20, 2022
Globecom 2022	Rio de Janeiro, Brazil	Dec. 4-8, 2022
ICC 2023	Rome, Italy	May 28-Jun. 1, 2023
Globecom 2023	Kuala Lumpur, Malaysia	Dec. 2023
ICC 2024	Denver, USA	Jun. 2024
Globecom 2024	Cape Town, South Africa	Dec. 2024

GC 2021 (Madrid, Spain)

- ❑ Next Generation Networking and Internet Symposium
 - *Zuqing Zhu, University of Science and Technology of China, China (TC representative)*
 - Ilhem Fajjari, Orange Labs, France

- Alessio Giorgetti, Scuola Superiore Sant'Anna, Italy
- Statistics:
 - ❑ No. of submissions: 129
 - ❑ No. of papers accepted: N/A
 - ❑ No. of TPC members: 249
 - ❑ Acceptance ratio: N/A
- ❑ Optical Networks and Systems Symposium
 - Rudra Dutta, North Carolina State University, USA
 - Mauro Biagi, University of Rome "La Sapienza", Italy
 - Statistics:
 - ❑ No. of submissions: 61
 - ❑ No. of papers accepted: 22
 - ❑ No. of TPC members: 65
 - ❑ Acceptance ratio: 36%
- ❑ Mobile and Wireless Networking Symposium
 - Shuai Han, Harbin Institute of Technology, China
 - Valeria Loscri, INRIA, France
 - Khoukhi Lyes, University of Technology of Troyes, France
 - Rui Wang, Tongji University, China
 - Statistics:
 - ❑ No. of submissions: 219
 - ❑ No. of papers accepted: N/A
 - ❑ No. of TPC members: 221
 - ❑ Acceptance ratio: N/A

ICC 2022 (Seoul, Korea)

- ❑ Mobile and Wireless Networking Symposium
 - Abdallah Shami, Western University, Canada
 - Swades De, Indian Institute of Technology Delhi, India
 - Anna Maria Vegni, Roma Tre University, Italy
 - **Dejun Yang, Colorado School of Mines (TC representative)**
 - Statistics:
 - ❑ No. of submissions: 196

- No. of papers accepted: N/A
- No. of TPC members: 198
- Acceptance ratio: N/A

Optical Networks and Systems Symposium

- Marco Ruffini, Trinity College Dublin
- Steve Hranilovic, McMaster University

- Statistics:
 - No. of submissions: 46
 - No. of papers accepted: N/A
 - No. of TPC members: 78
 - Acceptance ratio: N/A

Next Generation Networking and Internet Symposium

- **Scott Fowler, Linköping University, Sweden (TC representative)**
- Pietro Manzoni, UNIVERSITAT POLITÈCNICA DE VALÈNCIA
- Sharief Oteafy, DePaul University, USA

- Statistics:
 - No. of submissions: 161
 - No. of papers accepted: N/A
 - No. of TPC members: 330
 - Acceptance ratio: N/A

GC 2022 (Rio de Janeiro, Brazil)

Next Generation Networking and Internet Symposium

- **Lotfi Mhamdi, University of Leeds, UK (TC representative)**
- Qi Li, Tsinghua University, China
- Selma Boumerdassi, Conservatoire National Des Arts et Métiers (CNAM), France

Optical Networks and Systems Symposium

- Suresh Subramaniam, George Washington University, USA
- Anas Chaaban, University of British Columbia, Canada

Mobile and Wireless Networking Symposium

- Vojislav Mistic, York University, Canada
- **Miao Pan, University of Houston, USA (TC representative)**

- Linglong Dai, Tsinghua University, China
- Yun Lin, Harbin Engineering University, China

ICC 2023 (Rome, Italy)

- ❑ Next Generation Networking and Internet Symposium
 - *Zuqing Zhu, University of Science and Technology of China, China (TC representative)*
 - Mubashir H. Rehmani, Munster Technology University (MTU), Ireland
 - Perikilis Chatzimisios, International Hellenic University, Greece

- ❑ Optical Networks and Systems Symposium
 - Raul Munoz, Centre Technologic de Telecommunications de Catalunya, Spain
 - Murat Yuksel, University of Central Florida, USA

- ❑ Mobile and Wireless Networking Symposium
 - Damla Turgut, University of Central Florida, USA
 - Chin-Tser Huang, University of South Caroline, USA
 - Chun-Hung Liu, Mississippi State University, USA
 - Carla Fabiana Chiasserini, Politecnico di Torino, Italy

6. 2021 Distinguished Service Award

- ❑ A TC awards subcommittee was formed and approved at the TC meeting on July 6, 2020
- ❑ Chair: Jun Zheng (Past TC Chair)
 Members: Nirwan Ansari, New Jersey Institute of Technology, USA
 Pascal Lorenz, University of Haute-Alsace, France
 Shiwen Mao, Auburn University, USA
 Guoliang (Larry) Xue, Arizona State University, USA
- ❑ Call for nomination was sent to the TC mailing list on Nov. 5 and Nov. 8, 2021
- ❑ No nomination was received.

7. 2021 ComSoc CSR TC Election

- ❑ The call for nominations was sent to the TC-CSR mailing list on Nov. 8 and Nov. 12, 2021
- ❑ One nomination was received for the chair position:
 - Lotfi Mhamdi (University of Leeds, UK)
- ❑ One nomination was received for the vice-chair position:
 - Li Cheng (Memorial University of Newfoundland, Canada)
- ❑ Three nominations were received for the secretary position:

- Scott Fowler (Linkoping University, Sweden)
- Miao Pan (University of Houston, USA)
- Roberto Rojas-Cessa (NJIT, USA)
- ❑ Chair candidate Lotfi Mhamdi made his position statement
- ❑ Vice chair candidate Li Cheng also made his position statement
- ❑ Secretary candidate Scott Fowler join the meeting late due to his teaching schedule, but presented his position statement via a pre-recorded video. TC chair Tang Jian presented the biography and statement on behalf of candidate Miao Pan. Candidate Roberto Rajas-Cessa made his position statement at the meeting.
- ❑ Eligibility and criteria of determining voting member for the election was discussed, debated, and agreed for using the online voting method.
- ❑ Except the TC Chair (being the host) who cannot vote and Cynthia being the ComSoc staff member not participate in the vote, a total of 22 eligible members voted. Election results are announced by Cyn: 11 voted for Scott Fowler, 2 voted for Miao Pan, and 9 voted for Roberto Rojas-Cessa. Based on the election outcome, Scott is elected as the Secretary of the CSR-TC for 2022-23.
- ❑ Oral consent approach was adopted for the chair and vice chair. No objection was received. Therefore, Lotfi and Cheng were elected as the Chair and Vice-Chair of the CST-TC for the 2022-23 term, respectively.
- ❑ The final CSR-TC election results are:
 - Chair: Lotfi Mhamdi (University of Leeds, UK)
 - Vice-Chair: Li Cheng (Memorial University of Newfoundland, Canada)
 - Secretary: Scott Fowler (Linkoping University, Sweden)

8. Next meeting

Next official CSR TC meeting will be held during ICC'22, Seoul, South Korea, in May 2022. TC members who plan to attend GC'21 at Madrid, Spain in December 2021, may meet informally with the assistance from Cyn and ComSoc.

9. Meeting Adjourn

The meeting was adjourned at 9:20 am, Est.

List of attendees:

Jian Tang	Syracuse University
Cyn Sikora	IEEE ComSoc
Cheng Li	Memorial University
Qiang Ye	Dalhousie University, qye@cs.dal.ca
Abdelhamid Mellouk	University of Paris 12, mellouk@u-pec.fr

Nirmala Shenoy	RIT
Eirini Eleni Tsiropoulou	University of New Mexico, eirini@unm.edu
Jun Zheng	Southeast University, junzheng@seu.edu.cn
Augusto Casaca	augusto.casaca.inov.pt
Vincent Chan	MIT
Lotfi Mhamdi	University of Leeds, l.mhamdi@leeds.ac.uk
Mohamed Aymen LABIOD	Paris-Est University, Mohamed-aymen.labiod@u-pec.fr
Mohammed Atiquzzaman	University of Oklahoma atiq@ou.edu
Nadjib Aitsaadi	UVSQ Paris-Saclay, France
Nirwan Ansari	NJIT, ansari@njit.edu
Prosper Chemouil	Cnam, France, prosper.chemouil@ieee.org
Roberto Rojas-Cessa	NJIT, rojas@njit.edu
Sami Souihi	UPEC, sami.souihi@u-pec.fr
Shiwen Mao	University of Auburn, smao@ieee.org,
Sudip Misra	IIT Kharagpur, India, sudip_misra@yahoo.com
Symeon Papavassiliou	NTUA papavass@mail.ntua.gr
Tarek Bejaoui	University of Cathage, tarek.bejaoui@ieee.org
Thiago Abreu	UPEC, Thiago.abreu@u-pec.fr
Wojciech Kabacinski	Poznan University of Technology, wojciech.kabacinski@put.poznan.pl
Zuqing Zhu	University of Science and Technology of China, zqzhu@ieee.org
Stefano Giordano	Univ. of Pisa