

**Communications Switching and Routing Technical Committee  
(TC-CSR) Meeting Minutes  
(To be approved at GC 2023)  
The meeting was just before ICC 2023  
Location: Online Meeting  
7:00am–9:00am ET, Tuesday, May 3, 2023**

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**CSR TC Officers:**

Chair: Lotfi Mhamdi

Vice Chair: Cheng Li

Secretary: Scott Fowler

**Number of Attendees:** 17

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**1. Welcome and Introduction**

The Chair of the CSR TC, Dr. Lotfi Mhamdi, commenced the meeting by extending a warm welcome to all participants. The meeting was attended by a total of 17 individuals. Each attendee introduced themselves during a round of introductions. The list of attendees is provided at the end of the minutes. The meeting was conducted virtually, utilizing an online platform for the TC proceedings.

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

The Chair introduced the 2023 TC officers:

- Chair: Lotfi Mhamdi
- Vice Chair: Cheng Li
- Secretary: Scott Fowler
- HPSR Steering Committee Chair: Zuqing Zhu
- Award and Sponsorship Events Chair: Abdelhamid Mellouk
- ComSoc Student Competition Officer: Roberto Rojas-Cessa
- Standardization Committee Liaison Officer: Nirmala Shenoy
- SIG Officer: Thiago Abreu
- Newsletter Officer: Sami Souihi

**2. Approval of the TC Meeting Minutes during the meeting**

- The minutes of the last TC meeting held during GC 2022 were circulated through the TC mailing list on May 2, 2023, and it was posted on the TC website at: [http://site.ieee.org/comsoc-csr/files/2022/11/Globecom\\_2022\\_Minutes-1.pdf](http://site.ieee.org/comsoc-csr/files/2022/11/Globecom_2022_Minutes-1.pdf). The last

meeting minutes were briefly reviewed by the Chair. It was moved and was approved unanimously by all attendees through an online vote. The webpage of the CSR TC can be accessed at: <http://csr.committees.comsoc.org/>

### 3. Report from the Chair

- Two TC members were selected as symposium chairs for ICC 2024:
  - **Mohammed Atiquzzaman, University of Oklahoma, USA (MWN)**
  - **Roberto Rojas-Cessa, NJIT, USA (NGNI)**
- Nominations for GC'24 and ICC'25 are submitted, we should hear soon.

### 4. TC Board Meeting (Feb. 23)

#### 2023 ComSoc TC Innovation Support

**Purpose:** To incubate, nourish, and grow breakthrough innovations in communications technologies, this project aims to offer incentive fund to Technical Committees (TC), Special Interest Group (SIG), and Emerging Technologies Initiatives (ETI) to provide original and revolutionary ideas, concepts, techniques, methods and solutions that may lead to the breakthrough in communications technologies.

##### How:

- ▶ \$50,000 has been approved by the BoG
- ▶ A subcommittee will be appointed by VP TEA consisting of BoG & FinCom members, current or past TC Chairs
- ▶ Up to 10 proposals will be selected from TC/SIG/ETI submitted proposals, and each selected proposal will be funded by \$5,000
- ▶ Supported expenses include travel, support for organizing workshop, seminar, etc.
- ▶ A proposal template will be available soon

##### Selection Criteria:

- ▶ Technical challenge and breakthrough innovations your TC/SIG/ETC will address and provide
- ▶ Related contributions and activities which your TC/SIG/ETI has already made and organized
- ▶ Future plan and potential impact (e.g., technological impact and membership diversity)
- ▶ Incubate and nourish the new and emerging technology
- ▶ Help to recruit more members

##### Timeline:

- ▶ 17 Feb. 2023 Call for submission of TC Innovation Project proposals
- ▶ 15 May. 2023 Deadline of proposal submission
- ▶ 16 May - 30 June, 2023 Review and Selection Process
- ▶ 1 July 2023 Notification of selection results

## 2023 ComSoc TC Campaign Video Project

VP TEA proposes the development of TC Campaign video

- ▶ **Purpose:** to make our members and the public aware of what our technical committees are doing and how they guide the high-interest initiatives in communication technology
  
- ▶ **How:** will make one short video about 1-2 minutes for each TC. Finally, 3 or 5 best videos will be selected among 26 TCs for the TC Video Award
  - Will work with ieev.tv and IEEE Media Center
  - Introduction of your TC, interviews with TC members, new technologies, classic papers, ...
  
- ▶ **Budget:** The estimated budget is \$30,000, about \$1,000 per TC

### Goals:

- ▶ Provide an enhanced experience and membership recruitment and retention opportunities
- ▶ Increased member recruitment and engagement
- ▶ Promoting your TC and your TC's research and innovations

### Timeline:

- ▶ 17 Feb. 2023                      Announce the TC Campaign Video Project
- ▶ 15 May 2023                      Submission of TC video ideas/proposals
- ▶ 1 June – 1 Oct. 2023            Making the TC videos

## 5. Updates

- Sami Souihi from UPEC, France is taking over the Newsletter.

## 6. Special Interest Groups (SIGs, prepared and presented by Thiago Abreu)

- We must continue finding people/research groups to create SIGs.
- Goal: a platform for members to collaborate, share knowledge, and work on projects related to a specific area of interest.
- 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
  - Intelligent System Analysis/Analytics

Optimal Systems  
Optimization of Systems

- Please contact Thiago ABREU (UPEC/France) at [thiago.abreu@u-pec.fr](mailto:thiago.abreu@u-pec.fr)

## 7. CSR Website

- **Committee Chairs:** Stefano Bregni and Nelson Fonseca
- **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, Results, and Quality of Presentation.
- **Selection Committee:** 54 (active) members (+2 officers)
- **Eligible submissions received: 68**
- **Prizes are awarded in Globecom 2022.**
- **Awards:** 1 prize: \$2000 + plaque, 2<sup>nd</sup> prize: \$1000 +plaque
- More information: <https://www.comsoc.org/communications-technology-changing-world>
- There are updates to report since our previous TC Meeting

## 8. 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
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
ICC 2025	Montreal, Canada	May 2025

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- **ICC 2023 (Rome, Italy)**
  - **Next Generation Networking and Internet Symposium**
    - **Zuqing Zhu, University of Science and Technology of China (TC Representative)**
    - Mubashir H. Rehmani, Munster Technological University (MTU), Ireland
    - Periklis Chatzimisios, International Hellenic University, Greece
  - **Statistics:**
    - No. of submissions: 187
    - No. of papers accepted: 73
    - No. of TPC members: 267
    - Acceptance ratio: 39%
  - **Optical Networks and Systems Symposium**
    - Raul Munoz, Centre Tecnològic de Telecomunicacions de Catalunya (CTTC), Spain
    - Murat Yuksel, University of Central Florida, Orlando, USA
  - **Statistics:**
    - No. of submissions: 55
    - No. of papers accepted: 21
    - No. of TPC members: 61
    - Acceptance ratio: 38%

- **Mobile and WIRELESS NETWORKING SYMPOSIUM**
  - Damla Turgut, University of Central Florida, USA
  - Chin-Tser Huang, Univ. of South Caroline, USA
  - Chun-Hung Liu, Mississippi State University, MS, USA
  - Carla Fabiana Chiasserini, Politecnico di Torino, IT
- **Statistics:**
  - No. of submissions: 221
  - No. of papers accepted: 89
  - No. of TPC members: 253
  - Acceptance ratio: 40%
- **GC 2023 (Kuala Lumpur, Malaysia)**
  - Next Generation Networking and Internet Symposium
    - Aggeliki Sgora, Ionian University, Greece
    - Ahmed Refaey Hussein, Manhattan College, USA
    - **Sami Souihi, Paris-Est Créteil Univ. / LiSSi Lab, France (TC representative)**
  - Optical Networks and Systems Symposium
    - Jerzy Domzal, AGH University of Science and Technology, Poland
    - Nicola Andriolli, CNR, Italy
  - Mobile and WIRELESS NETWORKING SYMPOSIUM
    - Abdallah Shami, Western University, Canada
    - Abdel-Hamid Taha, Alfaisal University, Saudi Arabia
    - **Miao Pan, University of Houston, USA (TC representative)**
    - Zehui Xiong, Singapore Univ. of Tech. & Design, Singapore
- **ICC 2024 (Denver, USA)**
  - Next Generation Networking and Internet Symposium
    - **Roberto Rojas-Cessa, NJIT, USA (TC Representative)**
    - Raffaele Bruno, University of Pisa, Italy
    - Halima Elbiaze. UQAM, Canada
  - Optical Networks and Systems Symposium
    - Luca Valcarenghi, University of Pisa, Italy
    - Lutz Lampe, University of British Columbia, Canada
  - Mobile and WIRELESS NETWORKING SYMPOSIUM
    - Dajana Cassioli, University of L'Aquila, Italy
    - **Mohammed Atiquzzaman, University of Oklahoma, USA (TC Representative)**
    - Weixiao Meng, Harbin Institute of Technology, China

- Wen Sun, University of Science and Technology, China
- **Globeom 2024 (Cape Town, SA)**
  - Next Generation Networking and Internet Symposium
    - TBD
  - Optical Networks and Systems Symposium
    - TBD
  - Mobile and WIRELESS NETWORKING SYMPOSIUM
    - TBD
- **Report on HPSR**
  - IEEE International Conference on High Performance Switching and Routing (HPSR)
  - Annual flagship conference of CSR TC of ComSoc
  - Steering Committee of HPSR:
    - Zuqing Zhu (Chair, 2022-2024)
    - Abbas Jamalipour (Past Chair, 2022-2024)
    - Stefano Giordano (Europe, 2022-2024)
    - Kohei Shiimoto (Asia-Pacific, 2020-2022)
    - Guoliang Xue (America, 2020-2022)
    - Abdelhamid Mellouk (Europe, 2018-2022)
    - Roberto Rojas-Cessa (America, 2022-2024)
    - Fazirulhisyam Bin Hashim (Asia-Pacific, 2022-2024)
    - Lotfi Mhamdi (Ex-officio, CSRTC Chair, 2022-2023)
    - Shirley Cisneros, Sr. Conference Planner, ComSoc
    - Bruce Worthman, ComSoc
- **Recent and Future HPSRsTown**
  - HPSR 2023 (<https://hpsr2023.ieee-hpsr.org/>)
    - June 5-7, 2023, Albuquerque, NM, USA
    - General Chair: Eirini Eleni Tsiropoulou, University of New Mexico, USA.
    - General Co-chair: Abdelhamid Mellouk, Université Paris-Est Créteil, France.
  - HPSR 2024 (in Europe)
    - Received one strong conference proposal, and SC will discuss about it in the next HPSR SC meeting.

## 10. Distinguished Technical Achievement Award

- Highlights
  - Established in 2015
  - To recognize ComSoc CSR TC members for their technical contributions in the fields

covered by CSR

- Nominated by CSR TC members
  - Any member of CSR TC is eligible to be nominated but self-nominations are NOT acceptable.
  - Selected by the CSR TC awards committee and presented at the TC-CSR meeting at ICC/GC.
  - An award consists of a plaque.
- Award Winners (2015-2020)
    - 2015: Chunming Qiao, SUNY at Buffalo, USA
    - 2016: Abbas Jamalipour, University of Sydney, Australia  
Hussein T. Mouftah, University of Ottawa, Canada
    - 2017: Mohammed Atiquzzaman, University of Oklahoma, USA  
Andrzej Jajszczyk, AGH UST in Krakow, Poland  
Guoliang Xue, Arizona State University, USA
    - 2018: Nirwan Ansari, New Jersey Institute of Technology, USA
    - 2019: Shiwen Mao, Auburn University, USA
    - 2020: Abdelhamid Mellouk, University of Paris-Est Créteil (UPEC), France
    - 2021: Dr. Bijan Jabbari, George Mason University, USA

## 11. Next meeting

The next official CSR TC meeting will be held during or around when GC'23, Kuala Lumpur, Malaysia.

## 12. Meeting Adjourn

The meeting was adjourned at 2:20 PM, CET.

List of attendees:

Zuqing Zhu	University of Science and Technology of China	China	zqzhu@ieee.org
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Scott Fowler	Linköping University	Sweden	scott.fowler@liu.se
Mohamed Labiod	UPEC	France	mohamed.labiod@u-pec.fr