

Communications Switching and Routing Technical Committee (TC-CSR) Meeting Minutes

(to be approved at ICC 2015)

**Meeting at Globecom 2014, Austin, TX, USA
Red River on the 18th Floor
Hilton Garden Inn
7:30am - 9:00am on Thursday, Dec. 11, 2014**

The TC-CSR bi-annual meeting was held during Globecom 2014 on Tuesday, December 11, 2014 in Red River on the 18th Floor, Hilton Garden Inn, Austin, TX, USA. The meeting started at 7:30am and adjourned at 9:00am. The meeting was chaired by the current TC Chair, Dr. Mohammed Atiquzzaman. The meeting minutes were recorded by Dr. Stefano Giordano, and prepared by Jun Zheng, TC-CSR secretary.

1. Welcome and Introduction

The Chair opened the meeting and welcomed the attendees. Then all the attendees introduced themselves. 21 people attended the meeting. Andrea Bianco, Andrea Fumagalli, Roberto Rojas-Cessa, Alexandra, Bijan Jabbari were on the bridge. The list of people attending the meeting is enclosed at the end of the minutes.

The Chair proposed the agenda of the meeting and it was accepted by the attendees.

The Chair introduced the current TC officers:

- Chair: Mohammed Atiquzzaman
- Vice Chair: Abdelhamid Mellouk
- Secretary: Jun Zheng
- Workshop and Conference Chair: Nirwan Ansari
- Standardization Committee Liaison: Henry Sutton

2. Approval of the TC Meeting Minutes during ICC 2014

The minutes of the last TC meeting held during ICC 2014 was quickly shown by the Chair and was approved by all attendees. The approved minutes are available at the TC-CSR web site: <http://www.comsoc.org/~cswt/>.

3. Report from the Chair

1) Distinguished Service Award Criteria

The Chair reported that IEEE ComSoc had approved the "IEEE ComSoc TC-CSR Distinguished Service Award". The highlights of the Award include:

- The Award is to recognize the members of TC-CSR for their activities and

contributions to the field covered by TC-CSR;

- A candidate of the Award should be nominated by TC-CSR;
- The candidate receiving the Award should be selected by the TC-CSR Awards Committee;
- The Award will be presented at IEEE Globecom/ICC conference;
- The Award will consist of a plaque;
- Maximum of one award will be granted each year;
- Any member of TC-CSR is eligible for receiving the award;
- The award committee will consist of four members: current TC-CSR chair, two past chairs, one external member selected by the current chair.

2) 2014 TC-CSR Distinguished Service Award

The Chair announced the recipient of the 2014 Distinguished Service Award. The award committee consists of Mohammed Atiquzzaman (Chair), Abbas Jamalipour, Larry Xue, and Jun Zheng. There were 3 nominations. The winner of the award is Dr. Hussein T. Mouftah from the University of Ottawa, Canada.

The Chair presented the Award to Dr. Hussein Mouftah at the meeting and Dr. Hussein Mouftah received the Award.

3) TC-CSR Distinguished Technical Award

The Chair reported that he is preparing a proposal for TC-CSR Distinguished Technical Committee and will submit the proposal to the TAC. If approved, TC-CSR can make two awards per year:

- ICC: Distinguished Technical Award
- Globecom: Distinguished Service Award

4) Call for Distinguished Lecturer Nominations

The Chair reported that 2015 Call for Distinguished Lecturer Nominations have been sent through the mailing list. Two nominations have been received and both were nominated.

5) Report from TAC

- Mohammed Atiquzzaman attended TAC meeting.
- Highlights
 - 101 IEEE Fellow nominations received, 39 approved
 - Online course development
 - Comsoc student summer school
University of Trento, July 2015 (\$25K budget), 20 students, 4 days
 - New committee to see if TCs need to be restructured
Chair: Sherman Shen
- DL program
 - Chair: Sherman Shen

- Each TC can nominate 4 DL candidates
- 2 year Term
- 62 nominations received, 16 approved, 6 renewals
- Standards activities
 - Software Defined Networking
 - Internet of Things
 - HDBaseT
 - Contact Mehmet Ulema and Alex Gelman for details

6) ComSoc Student Competition 2014

- Purpose

The [competition](#) recognizes students or teams of students who demonstrate the capacity to improve the lives of people, through the application of communication technology and the development of projects that meet the human needs of people.

- CSR-TC Member

Roberto Rojas-Cessa, New Jersey Institute of Technology, nominated

- Report from Roberto Rojas-Cessa

- Eligibility: Student member or Graduate Student Member of IEEE Communications Society. Or team with either student members or non-members, but led by Student Member. Age 18+.
- Scoring criteria (5): social impact, technical content, originality, practical applicability and results, quality of presentation.
- Selection Committee: 42 members
- Eligible submissions received: 42
- Awards: 1 prize: \$2000 + plaque, 2nd prize: \$1000 +plaque (presented at Globecom 2014)

More information can be found at:

<http://www.comsoc.org/blog/ieee-comsoc-student-competitions-communications-technology-changing-world-0>

7) Report from Industry Liason

Henry Suthon reported on industry developments

4. Workshops and Conferences

1) Report on HPSR

Nirwan presented a brief report on HPSR, including the history of the conference, the steering committee charter, and the current status of the conference. He also reported that the steering committee will have a meeting at HPSR 2015 in Budapest. HPSR 2016 will be held in Yokohama, Japan, and Stefano Bregni will chair the conference. HPSR 2017 will be moved to America (north or South). HPSR 2018 will be held in Zurich, Switzerland. A proposal for HPSR 2019 has been received from China.

2) Reports on ICC/Globecom

TC-CSR cosponsors the Next Generation Networks (NGN), Optical Networks, and Wireless Networks symposia at ICC and Globecom. Reports from the TC-CSR representatives on those symposia are presented.

- NGN@GC2014 (Austin)
 - Symposium Co-Chairs:

Lawrence Yeung	University of Hong Kong, China
Yevgeni Koucheryavy	Tampere University of Technology, Finland
Richard Pazzi	University of Ontario, Canada
 - Report:
No. of submissions: 105
No. of accepted papers: 42
No. of sessions: 7
- WNS@GC2014 (Austin)
 - Symposium Co-Chairs:

Shiwen Mao	Auburn University, USA
Mohammed Atiquzzaman	University of Oklahoma, USA
Phone Lin	National University of Taiwan, Taiwan
Damla Turgut	University of Central Florida, USA
 - Report:
No. of submissions: 298
No. of accepted papers: 119
No. of sessions: 20
- ONS@GC2014 (Austin)
 - Symposium Co-Chairs:

Jianping Wang	City University of Hong Kong, China
Yusheng Ji	National Institute of Informatics, Japan
Muriel Medard	MIT, USA
 - Report:
No. of submissions: 75
No. of accepted papers: 30
No. of sessions: 5
- NGN@ICC 2015 (London)
 - Symposium Co-Chairs:

Shiwen Mao	Auburn University, USA
Ying-Dar Lin	National Chiao Tung University, Taiwan
Zhili Sun	University of Surrey, UK
 - Report:
No. of submissions: 251
No. of accepted papers: TBD
No. of sessions: TBD

Papers being reviewed (Review deadline: Dec. 5, 2014)

- WNS@ICC 2015 (London)
 - Symposium Co-Chairs:

Rose Hu	Utah State University, USA
Bruno Clerckx	Imperial College London, UK
Honggang Wang	University of Mass. Dartmouth, USA
Jun Zheng	Southeast University, China
 - Report:
 - No. of submissions: 376
 - No. of accepted papers: TBD
 - No. of sessions: TBD
 - Papers being reviewed (Review deadline: Dec. 5, 2014).
- ONS@ICC 2015 (London)
 - Symposium Co-Chairs:

Luca Valcarenghi	Scuola Superiore Sant'Anna, Italy
Polina Bayvel	University College London, UK
 - Report:
 - No. of submissions: 96
 - About 13 reviews missing as of 12/8/2014
- NGN@GC2015 (San Diego)
 - Symposium Co-Chairs:

Andrea Bianco	Politecnico Di Torino, Italy
Pavan Nuggehalli	Broadcomm
 - Report:
 - Submission deadline: April 1, 2015
 - TPC member list to be defined
- WN@GC2015 (San Diego)
 - Symposium Co-Chairs

Chonggang Wang	InterDigital, USA
Weixiao Meng	Harbin Institute of Tech, China
Soumaya Charkaoui	University of Sherbrooke, Canada
Ty Znati	University of Pittsburgh, USA
 - Report:
 - Paper submission deadline still open
- WN@GC2015 (San Diego)
 - Symposium Co-Chairs

Jean Armstrong	Monash University, Australia
Maité Brandt-Pearce	University of Virginia, USA
- ICC 2016 (Kuala Lumpur, Malaysia) nominations
 - Next Generation Networking

Shiwen Mao, Auburn University, USA

Abdelhamid Mellouk, Paris-Est University, UPEC, France

- Optical Networks

Pascal Lorenz, University of Haute Alsace, France

Eiji Oki, University of Electro-Communications, Japan

- Mobile and Wireless Networking

Mohammed Atiquzzaman, University of Oklahoma, USA

- GC 2016 (Washington D.C.) nominations

- Next Generation Networking

Roberto Rojas-Cessa New Jersey Institute of Technology, USA

- Optical Networks

Xiaojun (Matt) Cao Georgia State University, USA

- Wireless Networking

Mohammed Atiquzzaman University of Oklahoma, USA

5. Other Business

- The meeting had a discussion of new topics that could be considered for TC-CSR. The suggested topics include

- SDN
- Data center
- Data center virtualization
- IPv6
- Mobile resource limited networking
- Optical network
- Monitoring/measurement
- Smart grid
- Delay tolerant
- Voice over IP
- Network processor
- Network function virtualization
- ISDN and ATM Have to be revised
- Operation and management
- New architectures for next generation of routers

- Abbas suggested to limit our topics to 20-30, focus more on what we are doing, avoid overlap optical TC or Internet TC, put the proposed items on the list. He also suggested to put News on the website and update the website in time.

- Moufthah considered the quality of the website and suggested to move the website.

The meeting adjourned at 9:00am.

List of attendees:

Nirwan Ansari	New Jersey Institute of Technology, USA
Mohammed Atiquzzaman,	University of Oklahoma, USA
Jalel Ben-Othman	University of Paris 13, France
Piotr Borylo	AGH University of Science and Technology, Poland
Walter Cerroni	University of Bologna, Italy
Bridget Erlikh	IEEE Communications Society, USA
Stefano Giordano	University of Pisa, Italy
Abbas Jamalipour	University of Sydney, Australia
Noriaki Kamiyama	NTT, Japan
Cheng Li	Memorial University of Newfoundland, Canada
Pascal Lorenz	University of Haute Alsace, France
Kejie Lu	University of Puerto Rico at Mayagüez, Puerto Rico
Shiwen Mao	Auburn University, USA
Hussein Mouftah	University of Ottawa, Canada
Eiji Oki	The University of Electro-Communications, Japan
Jacek Rzasa	AGH University of Science and Technology, Poland
Kohei Shiimoto	NTT, Japan
Heiner Stuttgen	NEC Lab, Germany
Henry Suthon	Barrios technology, USA
Baoxian Zhang	University of Chinese Academy of Science, China
Bo Rong	Communications Research Centre, Canada