

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

**(to be approved at Globecom 2014)**

**Meeting at ICC 2014, Sydney, Australia  
Sheraton Level 1/ Times on the Park  
7:00am - 8:30am on Thursday, June 12, 2014**

The TC-CSR bi-annual meeting was held during ICC 2014 on Tuesday, June 12, 2014 in Room Sheraton Level 1/ Times on the Park, Sheraton Hotel, Sydney, Australia. The meeting started at 7:00am and adjourned at 8.30 am. The meeting was chaired by the current TC Chair, Dr. Mohammed Atiquzzaman. The meeting minutes were recorded 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 to the others. 24 people attended the meeting. Two people, Dr. Hussein Mouftah and Dr. Hossam Hassanein, called in through the conference call system during the meeting. 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
- Liaison Standardization Committee: Henry Sutton

**2. Approval of the TC Meeting Minutes during Globecom 2013**

The minutes of the last TC meeting held during Globecom 2013 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) Announcement of a new award

The Chair reported that the TC had a discussion of having a distinguished service award before. He had worked with the IEEE ComSoc and proposed the Distinguished Service Award for the TC-CSR, and IEEE ComSoc had approved the "IEEE ComSoc TC-CSR Distinguished Service Award". He explained the highlights of the Award, including:

- 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.

The meeting had a discussion of the detailed criteria, timeline, and comments on the Award.

Nirwan suggested to send an email to the mailing list of TC-CSR and/or to set up a webpage to post relevant information or collect comments on the Award, such as the criteria, timeline, and the Award committee.

Cheng mentioned that for the AHSNTC the current Chair is the Award Committee Chair. Since this is a service award and it often goes to the past chairs, if a past chair becomes the Committee Chair it is hard to nominate himself for the Award. He suggested that the current Chair be the Award Committee Chair.

Cheng also mentioned that for the AHSNTC they have two distinguished awards: one is the Service Award and the other is the Technical Achievement Award. They present the Service Award at ICC and the Technical Achievement award at Globecom.

The Chair explained that currently we have only the Distinguished Service Award. He plans to propose the Distinguished Technical Award for TC-CSR as well. We can present the Service Award at Globecom 2014 in Austin. Once the Technical Award is approved, we can present the Award at ICC 2015 in London.

Nirwan suggested that the TC draft the criteria for the Award and post it on the TC-CSR website for comments.

## 2) Nomination for the ComSoc Student Competition Committee

The Chair reported that there was an email from ComSoc for nominating the Student Competition Committee. The purpose of the competition is to recognize 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. He asked for nominations on the mailing list and got a few nominees, and Dr. Roberto Rojas-Cessa from New Jersey Institute of Technology is finally nominated by TC-CSR for the committee.

## 3) TC-CSR Distinguished Technical Award

The Chair reported that he planned to propose to the ComSoc to have a Distinguished Technical Award for TC-CSR. He will prepare a proposal and asked for

thoughts about the proposal.

Nirwan suggested to set up the Award Committee to take charge of the proposal and the committee could consist of the current TC Chair, one past chair, and for example two external members. He also thinks that we should revise the Charter about the committee structure.

The meeting had a discussion of the scope of nominations for this Technical Award. Several people think that it should not be limited to the TC members, but open to anyone in the field. Abbas thinks that the purpose of this Award is usually established to promote the TC. If we look at other TCs, they usually have this award go to their TC members. He thinks that this Award should be limited to the TC members. There are several TCs which already have this award. He suggested that we take a look at other TC Award committee models.

#### **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 brief meeting after the TC meeting to discuss how to steer HPSR for the future.

Abbas thinks that regarding HPSR the first thing we need to think about is “what is the optimal size we want for this conference?” Whether do we want to make it a very big conference or as a more focused and rather small workshop? After that, we can think about revising or refocusing the topics because some of the topics have become a little bit old.

##### **2) Report on HPSR Steering Committee Charter**

Nirwan presented a brief report on HPSR Steering Committee Charter.

##### **3) Report on Standardization activities**

Henry Suthon could not attend the TC meeting.

##### **4) 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 to those symposia are presented.

- **NGN@ICC2014**

- Symposium Co-Chairs:

- Mohammed Atiquzzaman University of Oklahoma, USA

- Konstantinos Samdanis NEC Europe, Germany

- Antonio Pescapè University of Napoli Federico II, Italy

- Report:

- No. of submissions: 146

- No. of papers accepted: 55

- No. of sessions: 11

- WNS@ICC2014 (Sydney)
  - Symposium Co-Chairs:
 

Weihua Zhuang	University of Waterloo, Canada
Pascal Lorenz	University of Haute-Alsace, France
Jian Tang	Syracuse University, USA
Nurul Sarkar	Auckland University of Technology, New Zealand
  - Report:
    - No. of submissions: 302
    - No of papers accepted: 114
    - No. of sessions: 21
  
- ONS@ICC2014 (Sydney)
  - Symposium Co-Chairs:
 

Arun Somani	Iowa State University, USA
Philippe Perrier	Xtera Communications, USA
Nathan Gomes	University of Kent, UK
  - Report:
    - No. of submissions: 75
    - No. of papers accepted: 30
    - No. of sessions: 6
  
- NGN@GC2014 (Austin)
  - Symposium Co-Chairs:
 

Lawrence Yeung	University of Hong Kong, China
Yevgeni Koucheryav	Tampere University of Technology, Finland
Richard Pazzi	University of Ontario, Canada
  - Report:
    - No. of submissions: 103
    - Review results not available yet
  
- 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: 299
    - Review results not available yet
  
- 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  
Review results not available yet
- 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:  
CFP announced
- 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:  
CFP announced
- ONS@ICC 2015 (London)
  - Symposium Co-Chairs:
 

Luca Valcarenghi	Scuola Superiore Sant'Anna, Italy
Polina Bayvel	University College London, UK
  - Report:  
CFP announced
- GC2015 (San Diego) nominations by the past chair
  - Next Generation Networking  
Andrea Bianco, Politecnico Di Torino, Italy
  - Optical Networks  
Mohammed Atiqzaman, University of Oklahoma, USA
  - Mobile and Wireless Networking  
Dejun Yang, Colorado School of Mines, USA
- ICC 2016 (Kuala Lumpur, Malaysia) nominations by the current chair
  - 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 Atiqzaman, University of Oklahoma, USA

## 5. ICC 2015 Promotional Video

The ICC 2015 promotional video is available at the website:

[https://www.dropbox.com/s/pcci53dmleq93bk/ICC\\_LONDON\\_SHORT\\_VIDEO\\_v1.wmv](https://www.dropbox.com/s/pcci53dmleq93bk/ICC_LONDON_SHORT_VIDEO_v1.wmv).

## 6. Other Business

1) The meeting had a discussion of the co-sponsorship of TC-CSR for ICC/Globecom symposia and the contributions TC-CSR can make to ICC/Globecom.

Abbas mentioned that TC-CSR has been involved in three symposia: NGN, ONS, and WMN as a co-sponsor for several years. He thinks that now it is time for us to see which of the three we are contributing the most and it is important for us to think where we are moving, towards more Internet, optical, or wireless networks.

A couple of attendees think that it is difficult to find such information on the participation of our TC members in these three symposia or the number of papers submitted to these three symposia by our TC members.

Abbas thinks that the topics of the papers are important and maybe we need to do some reassessment to see what sorts of papers are related to the scope of TC-CSR. He thinks that we may need to expand or revise our relationship with ICC/Globecom symposia, and it is a good time to look at this and make some good decision so that we have a focus of what we are doing and our contributions to ICC/Globecom.

Atiq thinks that we should definitely participate in NGN and ONS. The only question is the Wireless Networking Symposium (WNS). We should consider what other symposia we are supposed to get involved in.

Nirwan thinks that we should participate in WNS because it covers many topics that are relevant to TC-CSR, including switching and routing.

Abbas mentioned that green communication is now a hot area. There were a lot of discussions on green communication at GITC and they tried to push it to a symposium. Green communication covers topics such as energy consumption of a router or switch, which is highly relevant to TC-CSR. It should become a focus of attention of TC-CSR and we are supposed to get involved in this symposium.

2) The meeting had a discussion of revising the charter of the TC and the revising process.

Bijian suggested that we should look at the charter of TC-CSR and give consideration of any change within the framework of the charter, such as what topics we are supposed to add, what symposium we are supposed to get involved in, etc.

Abbas introduced some previous experience in revising the charter. Usually, a committee should be set up for the TC to look at the charter and see if there is a need for any change or not. If there is any change, this committee should come up with a draft and present it to the TC meeting. The committee will then have a vote and if the draft is approved, it will be submitted to the technical activities council (TAC) of ComSoc for approval.

Nirwan suggested that the number of members for this committee could be three,

which was adopted. It was agreed that one of the committee members is an officer from the TC and the rest two are members of the TC. Atiq, Abbas and Roberto were nominated as the committee members at the meeting.

Atig concluded that the committee will look at the charter and come up with a suggestion for revising the charter, and send it to the mailing list before December 2014. If everyone agrees, it will be presented for approval at the Globecom 2014 TC meeting in Austin.

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

Steve suggested that the Charter should include the topic of SDN (Software Defined Networks). He also mentioned that he is involved in organizing a history panel at ICCC 2014 in Shanghai in October 2014: "SDN: Past and Future". If anybody is interested in organizing this industry panel and if this committee would like to co-sponsor the panel along with the history committee of ComSoc, please let him know.

Abbas said that SDN is a very good topic that he really thinks TC-CSR should get involved in because as far as he knows no other TC has been involved in this topic and this is a very good opportunity for TC-CSR. He also thinks that it is important for TC-CSR to get involved in ICCC, which is now a ComSoc conference.

Bijian suggested that NFV (Network Function Virtualization) should also be included in the Charter. He emphasized that we should not remove the subject of "wireless" because it is very important in terms of routing and what is coming up.

Andrea thinks that we should spell out in the charter which aspects of SDN the committee would be interested in because SDN is a very broad topic.

4) The meeting had a discussion of the overlap issue for the topics covered by different symposia.

Stefano raised the overlap issue for the topics covered by different symposia. He thinks that the high level committees should think about this issue and coordinate to avoid such overlap.

Abbas said that this issue has really caused some problem in paper submission and even paper review. Some authors lose the chance to get their paper accepted just because of submitting the paper to the symposium not 100% relevant. GITC has tried to avoid such overlap between different symposia but it is really hard to find a good solution.

Bijian said that he does agree with the point but it is not a bad idea to have a little bit overlap because that overlap allows people to look at things from different perspectives.

Atiq thinks that a bit overlap is necessary or acceptable.

Roberto thinks that by the nature some of the symposia are vertical and some are horizontal. It is impossible to completely avoid such overlap. That overlap for the time being is going to stay with us whether we like or not.

The meeting adjourned at 8:30am.

**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
Andrea Bianco	Politecnico Di Torino, Italy
Piotr Boryto	AGH University of Science and Technology, Poland
Xuejia Cai	Southeast University, China
Scott Fowler	Linkoping University, Sweden
Andrea Fumagalli	The University of Texas at Dallas, USA
Stefano Giordano	University of Pisa, Italy
Hossam Hassanein*	Queen's University, Canada
Abbas Jamalipour	University of Sydney, Australia
Bijan Jabbari	Gorge Mason University, USA
Anura Jayasumana	Colorado State University, USA
Cheng Li	Memorial University of Newfoundland, Canada
Pascal Lorenz	University of Haute Alsace, France
Maode Ma	Nanyang Technological University, Singapore
Hussein Mouftah*	University of Ottawa, Canada
Abu Hena Al Muktadir	The University of Electro-Communications, Japan
Eiji Oki	The University of Electro-Communications, Japan
Roberto Rojas-Cessa	New Jersey Institute of Technology, USA
Kohei Shiimoto	NTT, Japan
Heiner Stuttgen	NEC Lab, Germany
Steve Weinstein	CCTC, USA
Qiong Wu	Southeast University, China
Dejun Yang	Colorado School of Mines, USA
Jun Zheng	Southeast University, China