

Meeting Minutes

1. Welcome and Introduction

The meeting convened at 9:00 local time.

Jianwei Huang introduced himself as Chair and the other Officers of TCCN. The meeting recorder was Zhijin Qin.

There was a quick introduction from each participant attending in the room.

2. Roll Call

Attendance was taken by an attendance sheet which was passed round and completed/signed, given the high number of participants. TCCN provided the opportunity to participants to connect by remote means (WebEx) to participate in the meeting. Participants by remote means were also captured in the attendance list, and verified by attendance records of the utilized WebEx tool.

3. Approval of the Agenda

The Agenda was presented by the Chair and Secretary. There were no objections, and no abstentions. The Agenda was unanimously approved.

4. Approval of the GLOBECOM 2017 (December 2017) TCCN meeting minutes

Attention was drawn to the Minutes of the TCCN meeting at ICC 2017. There were no objections, and no abstentions. The Minutes were moved by Yue Gao. There were no objections, and no abstentions. The Agenda was unanimously approved.

5. Reports on Special Interest Groups

The Chair reminded attendees about the concept of Special Interest Groups (SIGs) within TCCN, including their purposes and characteristics.

K.P. (Suba) Subbalakshmi (Stevens Institute of Technology) sent her slides, which were presented by Jianwei Huang on behalf of Suba. The activities report for the SIG on Cognitive Security. Detail was provided about the blog on cognitive radio networking and security, and its Editorial Board, purpose, a new special issue call for papers, information on participation, among other items.

Li-Chun Wang (National Chiao Tung University) presented the Data-Driven Cognitive Networks (D2CN) SIG. The presentation covered potential for providing open access to the data. It also summarized the conference workshop activities and journal SI activities. Particularly, Li-Chun reviewed the workshop organized with INFOCOM 2018 and more workshop proposal call for the 2019 Globecom workshop and 2019 CCNC workshop. JSAC SI on AI and ML for networking and commutations and various other activities plan were discussed as well.

Kai Yang, (Tongji University) set his slides and Jianwei presented the newly established SIG: AI Embedded Cognitive Networks. The presentation covered the structure of SIG founding member, reviewed various workshops and journal SI organized/ to be organized related to the SIG.

Li Wang, (Beijing University of Post and Telecommunications) sent her slides on the SIG: Social Behaviour Driven Cognitive Radio Networks, and Jianwei presented on her behalf. The presentation covered various activities including workshops and journal SI, international summer

school organized/ to be organized related to the SIG.

Xiangwei Zhou, (Louisiana State University) is the newly established SIG: Cognitive Communications and Networking in Cyber-Physical Systems (CPS). The presentation covered an interdisciplinary technology integrates various types of sensing, communication, actuation and computation devices to enable smart interaction between human beings and the physical world. The related activities on workshops and journal special issues were summarized.

Daniel Benevides da Costa, (Federal University of Ceará (UFC), Brazil) sent his slides of SIG on Energy-harvesting Cognitive Radio Networks, and Jianwei presented the slides on his behalf. The presentation covered the current activities including the journal special issues and workshops.

6. Reports on conference (GLOBECOM 2018)

Octavia Dobre, (Memorial University) quickly overviewed some detail on the Cognitive Radio and Networks Symposium of IEEE GLOBECOM 2018. This covered items such as on the conference parameters, location, number of papers submitted (88), review process (389 TPC members) etc.

7. Reports on Standards Activities

Oliver Holland (King's College London) presented a report the latest status of the IEEE COM/SDB, DySPAN-SC IEEE 1900 Standards Working Groups, the IEEE 1900 working groups, and IEEE 802.22, their topics and purposes, their latest activities, and other items. People requested to join in the standard group.

8. Reports on publications (Transactions on Cognitive Communications and Networks, TCCN Newsletter)

Michele Zorzi (University of Padova) presented an update on the IEEE Transactions on Cognitive Communications and Networks. Extensive detail was provided on aspects such as the aim and scope, editorial board, current status of published editions.

Walid Saad (Virginia Tech) sent his slides on the TCCN Newsletter update and Jianwei presented on his behalf. Items such as its purpose of the newsletter, detail on the published issues including the latest issue, message from chair, interview of experts, and the interesting topic of Q&As for some key people working in areas of TCCN. It also presented some ideas for future issues.

9. Administrative matters

a. Report on website

Vijay Rao (Delft University of Technology) sent his slides, which were presented by Jianwei Huang on behalf of Vijay. The presentation covered an update and reminder on the capabilities of the TCCN website, with the slide set available here. This provided detail on some of the updates to the website (e.g., new content such as the Newsletter, having been added), its listing on Google, and a call for content, among other items.

b. Report on LinkedIn and Facebook,

Zhijin Qin (Lancaster University) presented an update and reminder on TCCN LinkedIn, Facebook and IEEE ComSoc Group. This provided detail on some of the updates to the LinkedIn and Facebook groups.

11. Next TCCN Meeting

It was announced that the next meeting will be in the IEEE GLOBECOM conference (9-13 Dec 2018, Abu Dhabi, UAE).

12. Any Other Business

The Chair and Secretary attempted to inspire a discussion on appropriate future topics for SIGs, Symposium Chairs recommendation, DL and Fellow recommendations. This discussion continued for about 20 minutes.

The meeting adjourned at 11:00.