

IEEE Communications Society (ComSoc)

Technical Committee on Cognitive Networks (TCCN) Meeting Minutes

Time & Date: 14:00-15:30 (Hawaii-Aleutian Standard Time, GMT-10), Wednesday, 11 Dec 2019

Venue: Naupaka Salon 5, Hilton Waikoloa Village resort, Waikoloa, HI, USA

Online meeting link:

<https://ieeemeetings.webex.com/ieeemeetings/j.php?MTID=mb10bb29c01a8f9b4e05abab361382e17>

Attendee code: 598 380 727

1. Welcome and Introduction

The meeting started at 14:00 local time. Yue Gao initiated the TCCN meeting. The meeting recorders were Jiadong Yu and Daniel Benevides da Costa. There was a quick introduction from each participant attending in the room. Yue Gao as the Chair introduced the key information regarding the TCCN committee and this meeting, including the officers of TCCN 2019-2020, the agenda of this meeting, the activities of TCCN such as SIGs, newsletter, awards, nominations, etc.

2. Attendance Register

Attendance was taken by an attendance sheet that was passed around and completed/signed, given the high number of participants. TCCN provided the opportunity for participants to connect by remote means (GoToMeeting) 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.

2. Approval of the Agenda

The Agenda was presented by the Chair and Secretary, moved by Shuguang Cui, and seconded by Octavia Dobre. There were no objections and no abstentions. The Agenda was unanimously approved.

4. Approval of the ICC 2019 (May 2019) TCCN meeting minutes

Attention was drawn to the Minutes of the TCCN meeting at GLOBECOM 2018. There were no objections and no abstentions. The Minutes were moved by Shuguang Cui and seconded by Octavia Dobre. There were no objections, and no abstentions. The Agenda was unanimously approved.

5. Discussion and approval of the TCCN Policies and Procedures (P&P)

Chair Yue Gao presented the motions suggested by the TEAC, that is the TCCN policies and procedures in three aspects: 1) the reporting procedure of the election results; 2) the reporting procedure of awards results and 3) the scope. The motions were moved by YC Liang and seconded by Alagan Alpanagan.

6. TCCN awards

The 2019 TCCN Recognition Award was presented to Geoffrey Ye Li.

The 2019 TCCN Publication Award was presented to Shuguang Cui.

7. Reports on conference (GLOBECOM 2019 CRAEN Symposium Review)

Daniel Benevides da Costa (UFC) presented a short report on GLOBECOM 2019 Cognitive Radio and AI-Enabled Networks (CRAEN) Symposium.

Kai Yang (Tongji University) sent the slides to Chenhao Qi (Southeast University), who presented the slides on behalf of Kai. He introduced the ICC 2020 Cognitive Radio and AI-Enabled Networks

Symposium.

8. Reports on publications

Ying-Chang Liang (University of Electronic Science and Technology of China) presented a status report on the IEEE Transactions on Cognitive Communications and Networks. Details are provided on aspects such as the aim and scope, topics, subject areas, editorial boards, special issues, paper status summary since 2015 and the increased average process time. He also mentioned that the TCCN is indexed by SCI. Geoffrey and Shuguang recommended broadcasting the news to all the authors.

Daniel Benevides da Costa (UFC) presented the TCCN newsletter which covered the new issues on Artificial Intelligence and THz Communications released in December 2019.

Oliver Holland (Advanced Wireless Technology Group Ltd) sent the slides on COM/SDB, DySPAN-SC/1900 standards and IEEE 802.22 activities to Yue Gao, who presented the slides on behalf of Oliver.

9. TCCN publicity

R. Venkatesha Prasad introduced the TCCN's visibility, web traffic status, and open to new content (e.g., CFPs, white papers, articles, and ideas).

Yuan Ma (Shenzhen University, China) sent the slides to Yue Gao, who introduced the way of join TCCN, including the TCCN mailing list, LinkedIn group (95 members), Facebook page (90 followers and 84 likes), and ComSoc group (150 members) and the way of boosting TCCN.

10. Reports on Special Interest Groups (SIGs)

Daniel Benevides da Costa (UFC) presented the SIG on Energy-harvesting Cognitive Radio Networks. He introduced the team members, funding members and activities in 2018 and 2019, future activities, JSAC special issue, and special session/ workshop in GLOBECOM 2020.

K.P. (Suba) Subbalakshmi (Stevens Institute of Technology) presented Cognitive Network Security SIG via online conference facility.

Kai Yang (Tongji University) sent the slides to Chenhao Qi (Southeast University), who presented the slides on behalf of Kai. He introduced the SIG on AI Embedded Cognitive Networks.

Yao-Win Peter Hong (National Tsing Hua University) presented the SIG on Data-Driven Cognitive Networks. He introduced the scope and objectives, workshop activities, JSAC special issue and upcoming workshop.

Xianghui Cao (Southeast University) sent the slides to Yue Gao, who presented the slides on behalf of Xianghui. He introduced the SIG on Cognitive Communications and Networking in Cyber-Physical Systems.

11. Next TCCN Meeting

It was announced that the next meeting will be in the IEEE ICC 2020 conference (May 2020, Dublin, Ireland).

12. Any Other Business

Geoffrey Li suggested swapping the position of the Cognitive Radio and AI-enabled Networks Symposium title to become AI-enabled Cognitive Radio and Networks symposium. The motion was set, moved by Shuguang Cui, and seconded by Alagan Alpanagan.

Octavia Dobre suggested about set up the Outstanding Service Award and discussed by members in during the meeting. Geoffrey Li suggested that we should focus on attracting submissions, then suggest the service award.