**IEEE ComSoc TCCN Zoom Meeting 2022– Agenda**

**Time & Date:** EST 8:00am-9:00am, Wednesday, 30 Nov. 2022

**Zoom Meeting Room**: https://zoom.us/j/99500704787?pwd=Z2t0RG56eXliMElKV3c1a0ZqUWtwdz09.

**DIAL-IN NUMBER**: +1 929 205 6099 US (New York)

Find your local number (Global numbers included): <https://zoom.us/u/abnSDqtYnU>

Lingyang Song (Chair)

Siwen Mao, Lin Gao, R. Venkatesha Prasad (Vice-Chairs)

Yuan Ma (Secretary)

1. Welcome and Introduction
2. Attendance Register
3. Approval of the Agenda
4. Approval of the ICC 2022 (April 2022) TCCN meeting minutes
5. Report from the Chair, **Lingyang Song**, Peking University, China
6. Report on TCCN Recognition and Publication Award and by **Wei Zhang**, The University of New South Wales, Australia, and **Dusit Niyato**, Nanyang Technological University, Singapore
7. Report on TCCN Webinars, Journal Collaborations, by **Shiwen Mao**, Auburn University, USA
8. Reports on Special Interest Groups (SIGs)
9. SIG on AI and Machine Learning in Security, by **Dola Saha**, University at Albany, SUNY, USA
10. SIG on AI Empowered Internet of Vehicles, by **Ning Zhang**, University of Windsor, Canada
11. SIG on Wireless Blockchain Networks, by **Bin Cao**, Beijing University of Posts and Telecommunications, China
12. Reports on conferences
13. ICC 2023 Cognitive Radio and AI-Enabled Networks Symposium, by **Bin Cao**, Beijing University of Posts and Telecommunications, China
14. Reports on publications
15. Transactions on Cognitive Communications and Networking, by **Ying-Chang Liang**, University of Electronic Science and Technology of China
16. TCCN Newsletter, by **Dola Saha,** University at Albany, SUNY, USA
17. TCCN publicity

Report on website, by **Hongliang Zhang**, Princeton University, USA

1. Next TCCN Meeting
2. Any other business

**Meeting Minutes**

**1. Welcome and Introduction**

Chair Lingyang Song initiated the TCCN meeting. The meeting recorder was Yuan Ma. Each officer of term 2021-2022 gave an introduction at the beginning of the meeting.

**2. Attendance Register (Roll Call)**

As it is inconvenient to sign on the attendance sheet in the online meeting, the attendance registration was done through sending the message in Zoom with the information of the name and affiliation during the meeting period. TCCN also provided the opportunity to participants to connect by remote means to participate in the meeting. Participants by remote means were also captured in the attendance list. No participant attends from roll call.

**3. Approval of the Agenda**

The agenda was presented by the Chair, moved by **Shiwen Mao**, and seconded by **Yuanwei Liu**. There were no objections, and no abstentions. The agenda was unanimously approved.

**4. Approval of the ICC 2022 (Apr. 2022) TCCN meeting minutes**

Attention was drawn to the Minutes of the Online 2022 (Apr. 2022) TCCN meeting. The Minutes was presented by Lingyang Song, moved by **Shiwen Mao**, and seconded by **Nitin Gupta**. There were no objections, and no abstentions. The Minutes was unanimously approved.

**5. Introduction and Report from the Chair Lingyang Song**

Lingyang Song gave a full introduction of the key information regarding the TCCN committee and this meeting, including the technical scope of TCCN, TCCN membership, Special Interest Groups (SIGs), newsletter, nomination for Symposium Co-chairs of IEEE Globecom 2024 and TCCN Recognition/Publication Award, etc.

**6. Report on TCCN Recognition and Publication Award**

Dusit Niyato, the chair of TCCN Publication Award Committee, has introduced the award committee and the nomination process, and then announced the winner - Prof. Jianwei HUANG for fundamental contributions to wireless network optimization and spectrum sharing. As Wei Zhang, the chair of TCCN Recognition Award Committee cannot attend this meeting because of time conflict with another meeting, Lingyang introduced on his behalf the award committee and the nomination process, and then announced the winner - Prof. Octavia Dobre for outstanding contributions to cognitive radio communications and networking. Prof. Octavia Dobre then express her gratitude to her collaborators, students, nominators, the members of committee, and TCCN.

**7. Report on TCCN Webinars and Journal Collaborations**

Shiwen Mao then introduced the previous webinars, and the upcoming TCCN webinars held on Dec. 1st 2022 by Professor Honggang Zhang “Rethinking Modern Communication from Semantic Coding to Semantic Communication” . For journal collaboration, TCCN has close cooperation with different journals, including IEEE Transactions on Cognitive Communications and Networking, China Communications, and Digital Communications and Networking. Then, Shiwen Mao discussed TC restructure update as there exist various issues in current committee, including lack of diversity and coordination. So we need restructure TCs to make them more stable and efficient for promoting new technology.

**8. Reports on Special Interest Groups**

Ning Zhang introduced the scope and objectives of the SIG on AI Empowered Internet of Vehicles, and completed activities including IEEE INFOCOM and ACM MobiCom Workshop, etc. Then Ning present ongoing activities including IEEE INFOCOM 2023 Workshop, ICCSPA’22, BSC’23.

Dola Saha presented the SIG on AI and Machine Learning in Security, including the chair, members, and the ways to join. Then, Dola introduced that from 2020 the virtual seminar series have been organized constantly. Dola then presented the upcoming seminars that will be held in December 2022. In addition, the YouTube Channel for the AIMLSec Webinar series is up and running. Besides, the chair is an AE for various IEEE Transactions and received Best Paper Award in DySPAN 2021. Group members have also regularly published paper in Cognitive Network Symposiums of both ICC and Globecom, and IEEE Transactions on Cognitive Communications and Networks.

Bin Cao then presented the SIG on Wireless Blockchain Networks, including the scope, members, and activities in 2022 and 2023 consisting of the edited book in Springer and Wiley, the special issue on Frontiers of Computer Science, IEEE Communications Magazine, and tutorials on GC 2022, etc.

**9. Reports on conference (ICC 2023 CRAEN Symposium)**

Bin Cao presented the report on Cognitive Radio and AI-Enabled Networks (CRAEN) Symposium of IEEE ICC 2023. This covered information such as the symposium chairs, scope and motivation, current number of paper submissions. Regarding the total number of submission, Lingyang and YC Liang encouraged TCCN members to give more submissions to CREAM Symposium.

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

Prof. Ying-chang Liang presented an update on the IEEE Transactions on Cognitive Communications and Networks. Extensive details were provided including the journal scope, subject areas, topics of interest, impact factor, submission statistics, and popular papers, etc. Besides, Prof. Liang introduced the new Editor-in-Chief is Shiwen Mao from Auburn University. Prof Liang welcomed members to submit special issue proposal on Cognitive Communications and Networking, and help publicize the IEEE TCCN.

Then Dola Saha presented an introduction on the latest TCCN newsletter, including the Chair’s message, editor’s message, and new articles on visions, insights, and new thoughts.

**11. TCCN publicity**

Hongliang Zhang then presented the updates on TCCN website including virtual seminars, journals in collaboration, and web traffic statistics. In addition, Hongliang introduced the websites was open to new content, e.g., CFPs, white papers, and ideas that all within the scope TCCN.

**12. Next TCCN Meeting**

It was announced that the next meeting will be in the IEEE ICC 2023 conference.

**13. Any Other Business**