**IEEE ComSoc TCCN Zoom Meeting 2024– Agenda**

**Time & Date:** May 30th, 2024 09:00 AM EDT (US and Canada)

**Zoom Meeting Room** **ID:** 92665289433

**Password:** 945174

Shiwen Mao (Chair)

Ning Zhang, Yuan Ma, Yuanwei Liu (Vice-Chairs)

Hongliang Zhang (Secretary)

1. Welcome and Introduction
2. Attendance Register
3. Approval of the Agenda
4. Approval of the Globecom 2023 (Dec 2023) TCCN meeting minutes
5. Reports from the Chair
6. Reports on TCCN Awards and Subcommittee
7. Reports on TCCN Webinars and Journal Collaborations
8. Reports on Special Interest Groups (SIGs)
9. SIG on Sensing, Communications, Caching, and Computing (𝑪^𝟑) in Cognitive Networks
10. SIG on AI and Machine Learning in Security
11. SIG on AI Empowered Internet of Vehicles
12. SIG on Wireless Blockchain Networks
13. Reports on conferences
14. ICC 2024 Cognitive Radio and AI-Enabled Networks Symposium
15. GLOBECOM 2024 Cognitive Radio and AI-Enabled Networks Symposium
16. TCCN technically sponsored conferences
17. Reports on publications

IEEE Transactions on Cognitive Communications and Networking

1. Reports on innovation project
2. TCCN publicity
   1. Report on website
   2. Report on TCCN newsletter
3. Next TCCN Meeting
4. Any other business

**Meeting Minutes**

**1. Welcome and Introduction**

Chair Shiwen Mao initiated the TCCN meeting. The meeting recorder was Hongliang Zhang.

**2. Attendance Register**

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 byDola Saha, and seconded by Hongliang Zhang. There were no objections, and no abstentions. The agenda was unanimously approved.

**4. Approval of t****he Globecom 2023 (Dec. 2023) TCCN meeting minutes**

Attention was drawn to the Minutes of the Globecom 2023 (Dec. 2023) TCCN meeting. The Minutes was moved byHongliang Zhang, and seconded by Nitin Gupta. There were no objections, and no abstentions. The Minutes was unanimously approved.

**5. Report from the Chair**

Shiwen 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 ICC 2026 and TCCN Recognition/Publication Award, etc.

**6. Report on TCCN Awards and Subcommittee**

Shiwen has introduced the award committee and the nomination process. The nomination deadline is Sept. 30, 2024, and the winners will be announced in IEEE Globecom 2024.

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

Shiwen then introduced the previous webinars, including those organized by our SIGs. 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.

**8. Reports on Special Interest Groups**

Zheng Chang presented the SIG on Sensing, Communications, Caching, and Computing in cognitive networks. He first introduced the scope and objectives of this SIG, and then introduced the members of the SIG. Finally, he presented the activities including some special issues.

Ning Lu introduced the scope and objectives of the SIG on AI Empowered Internet of Vehicles, and completed activities including IEEE INFOCOM and ICCSPA, etc. Then Ning present ongoing activities including a webinar and an IEEE/CIC ICCC workshop.

K. P. (Suba) Subbalakshmi presented the SIG on AI and Machine Learning in Security, including the chair, members, and the ways to join. Then, Suba introduced that from 2020 the virtual seminar series have been organized constantly. In addition, the YouTube Channel for the AIMLSec Webinar series is up and running. She also introduced a new initiative of the group: Rising Star Symposium Series, which is an opportunity for the community to hear from emerging scholars about the latest research and for the emerging scholars to present their work to boarder audience. So far, 6 talks have been given. She also introduced other activities organized by group members.

Jiawen Kang then presented the SIG on Wireless Blockchain Networks, including the scope, members, and activities in 2023 and 2024 consisting of paper awards, special issues, and workshop organization, etc.

**9. Reports on conferences**

Dola Saha presented the report on Cognitive Radio and AI-Enabled Networks (CRAEN) Symposium of IEEE ICC 2024. This covered information includes the number of papers submitted and accepted. Regarding the total number of submission, Shiwen commented that it is influenced by the visa issue.

Hongliang on the behalf of Yuan Ma presented the report on Cognitive Radio and AI-Enabled Networks (CRAEN) Symposium of IEEE GLOBECOM 2024. The number of submissions increases to 131, which is the highest. These papers are still under review.

Shiwen also showed the information of Mobile and Wireless Networks (MWN) Symposium of IEEE GLOBECOM 2024 where he served as a co-chair.

**10. Reports on publications**

Shiwen Mao 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.

**11. Reports on innovation project**

Boya Di presented the information for 2023 IEEE Comsoc TC Innovative Project. She showed the speakers and the number of attendees for this activity with pictures. Moreover, she also presented the plan of the TC Innovative project this year.

**12. TCCN publicity**

Hongliang presented the updates on TCCN website including virtual seminars, journals in collaboration, and web traffic statistics. In addition, he introduced the number of mailing list subscribers and how the mailing list is operated.

Dola introduced new co-editors: Dr. Junqing Zhang from University of Liverpool and Dr. Mingjie Feng from Huazhong University of Science and Technology. She also showed the list of invited contributors.

**13. Next TCCN Meeting**

It was announced that the next meeting will be in IEEE Globecom 2024, which should be in-person.

**14. Any Other Business**