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

**Time & Date:** Sunday, Apr. 24th – 10:00 – 11:00 am (EDT)

**Zoom Meeting Room** **ID:** 834 5449 2013

**Password:** 434024

**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 Globecom 2021 (Nov 2021) TCCN meeting minutes
5. TCCN Introduction, by **Shiwen Mao**, Auburn University, USA
6. TCCN Awards
7. Reports on Special Interest Groups (SIGs)
8. SIG on Sensing, Communications, Caching, and Computing (𝑪^𝟑) in Cognitive Networks, by **Yongpeng Wu**, Shanghai Jiaotong University, China
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

GLOBECOM 2022 Cognitive Radio and AI-Enabled Networks Symposium, by **Yuanwei Liu**, Queen Mary University of London, UK

1. Reports on publications

Transactions on Cognitive Communications and Networking, by **Ying-Chang Liang**, University of Electronic Science and Technology of China, China

1. 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**

Shiwen Mao initiated the TCCN meeting. The meeting recorder was Yuan Ma.

**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 **Wei Zhang**, and seconded by **Octavia Dobre**. There were no objections, and no abstentions. The Agenda was unanimously approved.

**4. Approval of the Globecom 2021 (Nov 2021) TCCN meeting minutes**

Attention was drawn to the Minutes of the Online 2021 (Nov. 2021) TCCN meeting. The Minutes was presented by Shiwen Mao, moved by **Octavia Dobre**, and seconded by **R. Venkatesha Prasad**. There were no objections, and no abstentions. The Minutes was unanimously approved.

**5. TCCN Introduction, by Shiwen Mao**

Shiwen Mao gave a full introduction of the key information regarding the TCCN committee and this meeting, including each officer of term 2021-2022, the agenda of this meeting, the scope of TCCN, and the activities of TCCN such as membership, current Special Interest Groups (SIGs), webinars, newsletter, etc. Also, Shiwen Mao has introduced there are many ways of getting involved, and encouraged all members to give more submissions to CREAM Symposium and TCCN. TCNN will nominate symposium chair of CREAM, senior member, and fellow, and so on.

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

Shiwen Mao has introduced that TCCN can nominate up to 4 candidates for ComSoc Distinguished Lecturer. The deadline is Sept. 15th, 2022. Also, TCCN can nominate one for recognition/publication award. The deadline is Sept. 30th, 2022. Shiwen Mao has introduced the nomination process, award ceremony, and recognition/publication award committee.

**7. Reports on Special Interest Groups**

Dola Saha presented the SIG on AI and Machine Learning in Security, including the chair, members, and the ways to join. In addition, Dola introduced that the virtual seminar series have been organized constantly, almost each month. Dola has also introduced other ongoing activities, including April speaker, latest activities, etc.

Yongpeng Wu presented the SIG on Sensing, Communications, Caching, and Computing (𝑪^𝟑) in Cognitive Networks. He introduced the scope, objective, typical scenarios, and critical challenges. Finally, Yongpeng introduced the finished activities, and the ongoing activities in 2022.

Ning Zhang presented the SIG on AI Empowered Internet of Vehicles, including the scope and objectives, SIG members, completed special issues, etc., and ongoing activities that will be held on ICCSPA’22, IEEE VTC-Spring, and Wireless Communications and Mobile Computing.

Bin Cao presented the SIG on Wireless Blockchain Networks, and introduced the members, and activities in 2021, including the special issue on IEEE IoT-J, JSAC, conference/workshop organization on ICC, tutorials on GC 2021, etc.

**8. Reports on conference (GLOBECOM 2022 CRAEN Symposium)**

Yuanwei Liu presented the report on Cognitive Radio and AI-Enabled Networks (CRAEN) Symposium of IEEE GLOBECOM 2022. This covered information such as the symposium chairs, scope and motivation, current number of paper submissions, and important dates. As the deadline of submission is extended, Yuanwei and Shiwen encouraged more members to submit papers since lots of topics would be suitable for this symposium, e.g., AI for communication/networking.

**9. 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 detail was provided on aspects such as the aim and scope, subject areas, special issues/sections, impact factor, submission statistics, and popular papers, etc. Prof. Liang encouraged members to get more involved, such as submitting basic ideas of proposal for more discussion, contributing more papers, etc.

**10. TCCN publicity**

Hongliang Zhang (Princeton University) presented the TCCN website and introduced the updates on TCCN’s websites including virtual seminars, journals in collaboration, and web traffic statistics. Hongliang has introduced that online seminars attract a lot of interest. In addition, Hongliang introduced the websites was open to new content, e.g., CFPs, white papers, and ideas that all within the scope TCCN.

**11. Next TCCN Meeting**

It was announced that the next meeting will be in the IEEE GLOBECOM 2022 conference.

**12. Any Other Business**