

IEEE TCCN Meeting at ICC 2019 – Agenda

Time & Date: 14:00-15:30 (China Standard Time, GMT+8), Wednesday, 22 May 2019

Venue: Room Dalian/Changchun, Level 2, Pudong Shangri-La Hotel, Shanghai, China

Yue Gao (Chair)

Oliver Holland, Lingyang Song, Daniel Benevides da Costa (Vice-Chairs)

Lin Gao (Secretary)

1. Welcome and Introduction
2. Attendance Register
3. Approval of the Agenda
4. Approval of the GLOBECOM 2018 (December 2018) TCCN meeting minutes
5. Reports on Special Interest Groups (SIGs)
 - a. SIG on Energy-harvesting Cognitive Radio Networks, by **Daniel B. da Costa**, Federal University of Cear (UFC), Brazil (Presented by the Chair)
 - b. SIG on Cognitive Communications and Networking in Cyber-Physical Systems, by **Xianghui Cao**, Southeast University, China
 - c. SIG on Social Behaviour Driven Cognitive Radio Networks, by **Li Wang**, Beijing University of Post and Telecommunications, China
 - d. SIG on Data-Driven Cognitive Networks, by **Yong Li**, Tsinghua University, China
 - e. SIG on AI Embedded Cognitive Networks, by **Kai Yang**, Tongji University, China (Presented by the Chair)
 - f. SIG on Cognitive Network Security, by **K.P. (Suba) Subbalakshmi**, Stevens Institute of Technology, USA (Presented by the Chair)
 - g. SIG on Cognitive Radio for 5G, by **Markus Dominik Mueck**, Intel Mobile Communications, Germany (Presented by the Chair)
6. Reports on conferences
 - a. GC 2019 Cognitive Radio and AI-Enabled Networks Symposium, by **Daniel B. da Costa**, Federal University of Cear (UFC) (Presented by the Chair)
7. Reports on publications
 - a. Transactions on Cognitive Communications and Networking, by **Ying-Chang Liang**, University of Electronic Science and Technology of China
 - b. TCCN Newsletter, by **Daniel B. da Costa**, Federal University of Cear (UFC) (Presented by the Chair)
8. TCCN publicity
 - a. Report on website, by **Vijay Rao**, Delft University of Technology, The Netherlands (Present by Chair)
 - b. LinkedIn and Facebook, by **Yuan Ma**, Shenzhen University, China
9. Next TCCN Meeting
10. Any other business

Meeting Minutes

1. Welcome and Introduction

The meeting started at 14:00 local time.

Yue Gao initiated the TCCN meeting. The meeting recorder was Lin Gao.

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 (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 (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 GoToMeeting tool.

No participant attends from roll call.

3. Approval of the Agenda

The Agenda was presented by the Chair and Secretary, moved by Honggang Zhang, and seconded by Ying-Chang Liang. There were no objections, and no abstentions. The Agenda was unanimously approved.

4. Approval of the GLOBECOM 2018 (Dec 2018) 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 Ekram Hossain and seconded by Honggang Zhang. There were no objections, and no abstentions. The Agenda was unanimously approved.

5. Reports on Special Interest Groups

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

Daniel Benevides da Costa (UFC) sent his slides to Yue Gao, who presented the slides on behalf of Daniel. He presented the SIG on Energy-harvesting Cognitive Radio Networks. He introduced the scope and objectives, chair group, funding members, current activities in 2018, and future activities in 2019.

Li Wang (Beijing University of Post and Telecommunications) presented the SIG on Social Behaviour Driven Cognitive Radio Networks. She introduced the scope and objectives, chairs, members, finished and ongoing activities.

Yong Li (Tsinghua Univ) sent his slides to Yao-Win Peter Hong (National Tsing Hua Univ), the

Co-Chair of the Data-Driven Cognitive Networks (D2CN) SIG, who presented the slides on behalf of Yong. He introduced the scope and objectives, workshop activities, journal SI activities, upcoming workshop proposal submission, and other activities plan.

Kai Yang (Tongji University) sent his slides to Yue Gao, who presented the slides on behalf of Kai. He presented the current and future activities of the SIG on AI Embedded Cognitive Networks.

K.P. (Suba) Subbalakshmi (Stevens Institute of Technology) sent his slides to Yue Gao, who presented the slides on behalf of Suba. He presented the SIG on Cognitive Network Security, including the members and activities of the SIG. This SIG is looking for editors to border the editorial board for the Cognitive Radio Networking and Security Blog.

Markus Dominik Mueck (Intel Mobile Communications) sent his slides to Yue Gao, who presented the slides on behalf of Markus. He presented the SIG on Cognitive Radio for 5G. He introduced an overview of the activities of this SIG, such as publishing a white paper on “Novel Spectrum Usage Paradigms for 5G” and organizing several remote workshops on key upcoming topics. He suggested to restart discussions on 5G for vertical industries and address specifically vertical applications (automotive, industrial applications, etc.).

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

Daniel Benevides da Costa (UFC) sent his slides to Yue Gao, who presented the slides on behalf of Daniel. He quickly overviewed some details on the CRAEN symposium of IEEE GLOBECOM 2019. This covered information such as the symposium chairs, TPC members, review process, number of paper submissions, author distribution, and some remarks.

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

Ying-Chang Liang (University of Electronic Science and Technology of China) 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. He also briefly introduced the following special issues of TCCN:

- Special issue 1: Evolution of Cognitive Radio to AI-enabled Radio and Networks
- Special issue 2: Intelligent Resource Management for 5G and Beyond

Daniel Benevides da Costa (UFC) sent the slides on TCCN Newsletter Report to Yue Gao, who presented the slides on behalf of Daniel. He introduced the topics covered in the TCCN newsletter, and the new issues to be released in May 2019.

8. TCCN publicity

Vijay Rao (Delft University of Technology) sent the slides on TCCN website to Yue Gao, who presented the slides on behalf of Vijay. He introduced the TCCN’s visibility, web traffic stats, and open to new content (e.g., CFPs, white papers, articles, and ideas).

Yuan Ma (Shenzhen University, China) presented the Social Media for the TCCN committee. She 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). She

discussed the way of boosting TCCN.

9. Next TCCN Meeting

It was announced that the next meeting will be in the IEEE GLOBECOM 2019 conference (Dec 2019, Waikoloa, HI, USA).

10. Any Other Business

NA

The meeting adjourned at 15:30.