

IEEE TCCN Meeting at GC 2018 –Agenda

Time & Date: 10:30-12:30 (Gulf Standard Time), Tuesday, 11 December 2018

Venue: Capital Suite 7, Abu Dhabi National Exhibition Center (ADNEC), Abu Dhabi, UAE

Jianwei Huang (Chair)

Walid Saad, Oliver Holland, Lingyang Song (Vice-Chairs)

Yue Gao (Secretary)

1. Welcome and introduction
2. Attendance register
3. Approval of the Agenda
4. Approval of the ICC 2018 (June 2018) TCCN meeting minutes
5. Administrative matters
 - a. Report from the Chair
 - b. Introduction of new Officers for the 2019-2020 term of office
6. Reports on publications
 - a. Transactions on Cognitive Communications and Networking, by Michele Zorzi, University of Padova
 - b. TCCN Newsletter, by Walid Saad, Virginia Tech University
7. Reports on Special Interest Groups (SIGs)
 - a. SIG on Energy-harvesting Cognitive Radio Networks, by Daniel Benevides da Costa, Federal University of Ceará (UFC), Brazil
 - b. SIG on Data-Driven Cognitive Networks, by Li-Chun Wang, National Chiao Tun University
 - c. SIG on AI Embedded Cognitive Networks, by Kai Yang, Tongji University
 - d. SIG on Cognitive Network Security, by K.P. (Suba) Subbalakshmi, Stevens Institute of Technology
 - e. SIG on Social Behaviour Driven Cognitive Radio Networks, by Li Wang, Beijing University of Post and Telecommunications
8. Reports on standards activities
 - a. COM/SDB, DySPAN-SC/1900 standards and IEEE 802.22 activities by Oliver Holland, King's College London
9. Reports on conferences
 - a. ICC 2019 Cognitive Radio and Networks Symposium, by Lingjie Duan, Singapore University of Technology and Design, Li Wang, Beijing University of Posts and Telecom
10. TCCN publicity
 - a. Report on website, by Vijay Rao, Delft University of Technology
 - b. LinkedIn and Facebook, by Zhijin Qin, Lancaster University
11. Next TCCN Meeting
12. Any other business

Meeting Minutes

1. Welcome and Introduction

The meeting started at 10:30 local time.

Jianwei Huang introduced himself as Chair and the other Officers of TCCN. The meeting recorder was Lin Gao.

There was a quick introduction from each participant attending in the room.

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.

Two participants attend from roll call.

3. Approval of the Agenda

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

4. Approval of the ICC 2018 (June 2018) TCCN meeting minutes

Attention was drawn to the Minutes of the TCCN meeting at ICC 2017. There were no objections, and no abstentions. The Minutes were moved by Yue Gao and seconded by Oliver. There were no objections, and no abstentions. The Agenda was unanimously approved.

5. Administrative matters

a. Report from the Chair

Jianwei Huang announced the awards:

- Jeffery Li announced the IEEE ComSoc TCCN Recognition Award to Dr. Tian Li
- Jianwei Huang announced the IEEE ComSoc TCCN Publication Award to Prof. Y.C.

Liang

b. Introduction of new Officers for the 2019-2020 term of office

Jianwei Huang introduced the new officers.

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

Michele Zorzi (University of Padova) 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: energy harvesting in CRN
- Special issue 2: crowd: coexisting Radio and Optical Wireless Deployments
- Special issue 3: Deep Reinforcement Learning for Future Wireless Communication Networks

Walid Saad (Virginia Tech) briefly presented the reports on TCCN Newsletter.

7. Reports on Special Interest Groups

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

Daniel Benevides da Costa (UFC) 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-Chun Wang (National Chiao Tung University) presented the SIG on Data-Driven Cognitive Networks (D2CN) SIG. He introduced the new editorial committee, objectives, workshop activities, JSAC SI activities, upcoming workshop proposal submission, and other activities plan.

Kai Yang, (Tongji University) sent his slides to Yue Gao, which was presented by Yue Gao on behalf of Kai. He presented the SIG on AI Embedded Cognitive Networks, including the objective and scopes, activities, and other related issues.

K.P. (Suba) Subbalakshmi (Stevens Institute of Technology) sent his slides to Yue Gao, which was presented by Yue Gao on behalf of Suba. He presented the SIG on Cognitive Security, including the objective, on-going activities, and other activities. Looking for editors to borden the editorial board.

Li Wang, (Beijing University of Post and Telecommunications) sent her slides to Yue Gao, which was presented by Yue Gao. He presented on the SIG: Social Behaviour Driven Cognitive Radio Networks, including the scope and objectives, chairs, members, and finished activities.

Summarize by Jianwei Huang and Yue Gao: We need some mechanisms to encourage members to engage more activities; and we need more flesh blood.

8. Reports on Standards Activities

Oliver Holland (King's College London) presented a report the latest status of the IEEE COM/SDB, DySPAN-SC IEEE 1900 Standards Working Groups, he IEEE 1900 working groups, and IEEE 802.22, their topics and purposes, their latest activities, and other items.

9. Reports on conference (ICC 2018 CRN Symposium Review)

Lingjie Duan quickly overviewed some details on the CRN symposium of IEEE ICC 2018. This covered information such as the conference parameters, CFP, paper submissions, paper acceptance, author distribution, and hot topics of paper submissions.

Comments from members: Try to expend the goal of the symposium to include new areas such as AI and deep learning.

Li-Chun Wang: Suggested to further increase the number of submission by means of certain efficient mechanism. (No possible solution was proposed.)

10. TCCN publicity

Report on website, by Vijay Rao, Delft University of Technology. He presented the TCCN's visibility, web traffic stats, and open to new content (e.g., CFPs, white papers, articles, and ideas). All contents must be sent to the Chair and Secretary.

LinkedIn and Facebook, by Zhijin Qin, Lancaster University. She introduced the way of join

TCCN, including the TCCN mailing list, linkedin group, facebook page, and ComSoc group (145 members). She discussed the way of boosting TCCN.

11. Next TCCN Meeting

It was announced that the next meeting will be in the IEEE ICC conference (May 2019, Shanghai, China).

12. Any Other Business

The Chair and Secretary attempted to inspire a discussion on appropriate future topics for SIGs, Symposium Chairs recommendation, DL and Fellow recommendations. This discussion continued for about 20 minutes.

Y C Liang: Suggested to broadcast the committee TCCN together with the journal TCCN. We need to increase both the number of symposium paper submission and the number of journal paper submission.

The committee thanks Jianwei Huang for his contribution during the past years.

The meeting adjourned at 12:20.