IEEE Technical Committee on Cognitive Networks (TCCN)

Meeting at IEEE Globecom 2015, San Diego, CA, USA

Held on Tuesday 8th December 2015, 15:00-16:00
Held in Ballroom E, Omni San Diego Hotel, San Diego, CA, USA

Minutes prepared 4th February 2016 (delayed due to personal injury)
Revised 9th March 2016

Agenda

1. Welcome and Introduction

2. Roll call

3. Approval of the Agenda

4. Approval of the ICC 2015 (June 2015) TCCN meeting minutes

5. Administrative matters

   i. Report on website

   ii. Announcement on Appointed Positions

6. Reports from Special Interest Groups (Cognitive Security, Cognitive Radio for 5G)

7. Reports on standards activities (IEEE DySPAN-SC/1900)

8. Reports on conferences (ICC 2016, …)

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

10. Next TCCN Meeting

11. Any other business

Meeting Minutes

1. Welcome and Introduction

The meeting convened at 15:05 local time, having been delayed slightly to ensure that all attendees were present and that dial-in facilities were properly invoked and remote attendees were joined.

Ying-Chang Liang (I2R, Singapore) introduced himself as Chair, Jianwei Huang (Chinese University of Hong Kong, China) as TCCN Vice-Chair for the Asia-Pacific Region, Octavia Dobre (Memorial University, Canada) as TCCN Vice-Chair for the Americas Region, R. Venkatesha Prasad (Delft University of Technology, Netherlands) as TCCN Vice-Chair for the Europe/Africa Region, and Oliver Holland (King's College London, UK) as Secretary of TCCN.

The meeting recorder was Oliver Holland (TCCN Secretary).

2. Roll Call

There was no Roll Call, given the high number of participants. Instead, a quick round table gave the opportunity for all participants to announce their names and affiliations. An attendance sheet was passed round in order to capture attendance. Furthermore, TCCN provided the opportunity to participants to connect by remote means (GoToMeeting) to participate in the meeting. The participants by remote means were also captured in the attendance list.

3. Approval of the Agenda

The agenda was presented to the attendees by the Chair. A motion was invited to approve the Agenda. Jianwei Huang moved, and Wei Zhang seconded. There were no objections, and no abstentions. The Agenda was unanimously approved by the Committee.

4. Approval of the ICC 2015 TCCN Meeting Minutes

The Minutes of the TCCN meeting at ICC 2015 were recalled, as available here: http://cn.committees.comsoc.org/files/2015/11/ICC15_TCCN_meeting_minutes_ICC_2015_v2.pdf. A motion was invited to approve the Minutes. V. R. Venkatesha Prasad moved, and Yue Gao seconded. There were no objections, and no abstentions. The Minutes were unanimously approved.

5. Administrative matters

i. Report on website

Vijay Rao (Delft University of Technology) presented information on the new TCCN website, with the slideset available here: http://cn.committees.comsoc.org/files/2015/11/GC15_Website.pdf. This provided detail on the new CMS used, new theme/structure, capabilities of the new website, and potential for contributions, among other aspects. There was a question from Periklis Chatzimisios to V. R. Venkatesha Prasad on whether this new look/structure/CMS is standard now for all technical committees. It was confirmed that it is standard.

ii. Announcement on Appointed Positions

The Chair announced the status of appointed positions for the 2015-2016 term of office. The status is as follows:

- **IEEE ComSoc Standards Liaison:** V. R. Venkatesha Prasad, Delft University of Technology, Netherlands

- **IEEE DySPAN-SC Liaison:** Oliver Holland, King's College London, UK

- **IEEE 802.22 Liaison:** Apurva Mody, BAE Systems, USA

- **Industry Liaison:** Zander Zhongding Lei, Institute for Infocomm Research (I2R), Singapore

- **Web Chair:** Vijay Rao, Delft University of Technology, Netherlands

It was noted that further positions might be appointed.

6. Reports on Special Interest Groups (Cognitive Security, Cognitive Radio for 5G)

The Chair described the concept of Special Interest Groups (SIGs) within TCCN, including their purposes and characteristics.

K.P. (Suba) Subbalakshmi (Stevens Institute of Technology) then presented the activities report for the SIG on Cognitive Security. The slides are available here: http://cn.committees.comsoc.org/files/2015/11/GC15_SIG_SecIG.pdf. She provided detail about the blog on cognitive radio networking and security, https://cognitiveradiosec.wordpress.com, as set up within the sub-committee, among other items.

Beeshanga Abewardana Jayawickrama (University of Technology Sydney) presented a report from the SIG on Cognitive Radio for 5G. The slides are available here: http://cn.committees.comsoc.org/files/2015/11/GC15_SIG_CR.pdf. He concentrated particularly on the 3rd Remote Workshop as an academic/industrial discussion activity of the SIG.

The Chair asked the participants if they want to propose any new SIGs. None were proposed.

7. Reports on Standards Activities (IEEE DySPAN-SC/1900)

Oliver Holland (King's College London) presented a report the latest status of the IEEE DySPAN-SC and IEEE 1900 Standards Working Groups. The slides are available here: http://cn.committees.comsoc.org/files/2015/11/GC15_DySPANSC_Update.ppt. He provided an overview of the structure of DySPAN-SC and the IEEE 1900 working groups, their topics and purposes, their latest activities, and other items. There were no questions or comments.

8. Reports on conferences (ICC 2016, Crowncom 2016)

Lingyang Song (Peking University) verbally presented some detail on the Cognitive Radio and Networks Symposium of IEEE ICC 2016. This covered detail such as on the scale of the track (submitted papers), intentions and other aspects. There were no questions or comments on this presentation.

Oliver Holland (King's College London) presented some detail on Crowncom 2016, on behalf of Dominique Noguet (CEA-LETI) who is General Chair of Crowncom 2016. The slide set is here: http://cn.committees.comsoc.org/files/2015/11/GC15_CROWNCOM2016.pptx. Octavia commented that Crowncom used to be an IEEE conference, now is EAI. Also mentioned that Crowncom is a good conference: Why do the organizers not apply for it to be under IEEE? It would be good if it were returned to being supported by the IEEE. Oliver responded that he shouldn't comment on behalf of the organizers, Steering Committee and TPC. However, he will pass the feedback to the organizers and Steering Committee. YC also commented that it used to be IEEE and is no longer.

It was emphasized that despite this currently not being an IEEE conference, Oliver was quickly presenting this information at the request of the Organizers for information and common interest among the community, based on confirmation within the leadership of TCCN.

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

Michele Zorzi (University of Padova) provided an update on the progress of the IEEE Transactions on Cognitive Communications and Networks. The slides are available here: http://cn.committees.comsoc.org/files/2015/11/GC15_TCCNZorzi.pdf. This covered aspects such as the initial invited papers, the appointed Advisors and Editors, the status in terms of number of submissions and accepted/rejected, etc., papers, and the flyer and advertising for future submissions (available here: http://cn.committees.comsoc.org/files/2015/11/GC15_TCCNZorziFlier.pdf), among other aspects. Amitabh Mishra (University of Delaware) asked Michele how the Editors are chosen. Michele responded that they are chosen by he himself, as it is one of his responsibilities as Editor in Chief. There were no other discussion points.

Jianwei Huang (Chinese University of Hong Kong) presented the TCCN Newsletter update: http://cn.committees.comsoc.org/files/2015/11/GC15_Newsletter.pdf. His presentation covered items such as its purpose, detail on the first published issue from December 2015 and the Special Issues content therein, the publication schedule including the development of a next issue before ICC 2016, the Call for Editors, and important the change of name to TCCN Newsletter from TCCN Communications and reasoning for that. There were no discussion items.

10. Next TCCN Meeting

The Chair announced that the next meeting will be in the IEEE ICC 2016 conference (23-27 May 2016, Kuala Lumpur, Malaysia).

11. Any Other Business

There was no other business.

The meeting adjourned at 16:00.

Attendance Record (alphabetical order, based on forenames)

	Name	Affiliation	Email
1	Alagan Anpalagan	Ryerson University, Canada	alagan@ieee.org
2	Amitabh Mishra	University of Delaware, USA	amitabh@udel.edu
3	Bala Natarajan	Kansas State University, USA	bala@ksu.edu
4	Beeshanga Abewardana Jayawickrama	University of Technology Sydney, Australia	beeshanga.jayawickrama@uts.edu.au
5	Bo Yang	Shanghai Jiao Tong University, China	bo.yang@sjtu.edu.cu
6	Changkun Jiang	Chinese University of Hong Kong, Hong Kong	jiangchangkun@gmail.com

7	Chia-Han Lee	Academia Sinica, Taiwan	chiahan@citi.sinica.edu.tw
8	Fen Hou	University of Macau, Macau	gfenhou@gmail.com
9	Giorgio Quer	University of California, San Diego, USA	gquer@ucsd.edu
10	Guodong Zhao	University of Electronic Science and Technology of China, China	gdngzhao@gmail.com
11	Jianwei Huang	Chinese University of Hong Kong, Hong Kong	jwhuang@ie.chuk.edu.hk
12	Jie Li	University of Tsukuba, Japan	lijie@cs.tsukuba.ac.jp
13	Jie Xu	Singapore University of Technology and Design, Singalore	jiexu.ustc@gmail.com
14	Jinsong Wu	Bell Laboratories, China	wujs@ieee.org
15	Junlin Yu	Chinese University of Hong Kong, Hong Kong	yujunlintc@gmail.com
16	K.P. (Suba) Subbalakshmi	Stevens Institute of Technology, USA	ksubbala@stevens.edu
17	Kejie Lu	University of Puerto Rico at Mayagüez, Puerto Rico	kejie.lu@upr.edu
18	Kwang-Cheng Chen	National Taiwan University, Taiwan	ckc@ntu.edu.tw
19	Lingjie Duan	Singapore University of Technology and Design, Singapore	lingjie_duan@sutd.edu.sg
20	Lingyang Song	Peking University, China	lingyang.song@gmail.com
21	Maode Ma	Nanyang Technological University, Singapore	emdma@ntu.edu.sg
22	Meng Zhang	Chinese University of Hong Kong, Hong Kong	jackeymzhang@gmail.com
23	Michele Zorzi	University of Padova, Italy	zorzi@dei.unipd.it
24	Octavia Dobre	Memorial University, Canada	odobre@mun.ca
25	Oliver Holland	King's College London, UK	oliver.holland@kcl.ac.uk
26	Periklis Chatzimisios	Alexander TEI of Thessaloniki, Greece	peris@it.teithe.gr
27	Shiying Han	Nanyang Technological University, Singapore	shan1@e.ntu.edu.sg
28	Shui Yu	Deakin University, Australia	syu@deakin.edu.au
29	Song Guo	University of Aizu, Japan	sguo@u-aizu.ac.jp
30	Takeo Fujii	University of Electro-Communications, Japan	fujii@awcc.uec.ac.jp

31	Tang Ming	Chinese University of Hong Kong, Hong Kong	tangmingscu@gmail.com
32	V.R.Venkatesha Prasad	Delft University of Technology, Netherlands	rvprasad@ieee.org
33	Vijay Rao	Delft University of Technology, Netherlands	v.rao@tudelft.nl
34	Wei Zhang	University of New South Wales, Australia	w.zhang@unsw.edu.au
35	Xiangwei Zhou	Louisiana State University, USA	xwzhou@lsu.edu
36	Ying-Chang Liang	Institute for Infocomm Research (I2R), A*STAR, Singapore	ycliang@i2r.a-star.edu.sg
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