

# IEEE Technical Committee on Cognitive Networks (TCCN)

## Meeting @ ICC 2014, Sydney, Australia

Thursday 12<sup>th</sup> June 2014

(at 16:00 in Sheraton on the Park Hotel, room: Times on the Park/Level 1)

### Agenda

1. Welcome and Introduction
2. Approval of the Agenda
3. Approval of the TCCN meeting minutes (Globecom 2013)
4. Research group Software Defined and Virtualized Wireless Access
5. Reports and New Special Interest Groups (including Cognitive Radio for 5G, Cognitive Security)
6. Reports on conferences (e.g. ICC 2014, Globecom 2014, ICC 2015, DySPAN 2014)
7. Reports on publications (JSAC series issue, Transactions on Cognitive Communications and Networks etc)
8. Reports on standard activities (IEEE DySPAN-SC/1900, TVWS, ITU-R, ETSI, ARIB etc)
9. Review of TCCN Policies and Procedures
10. TCCN Officer Election procedures
11. Other new ideas and initiatives
12. Next TCCN Meeting
13. Any other business

### Meeting Minutes

#### **1. Welcome and Introduction**

David Grace (University of York, UK) introduced himself as Chair, Kandeepan Sithamparanathan, (RMIT, Australia), Ekram Hossain (University of Manitoba, Canada), R. Venkatesha Prasad (Delft University of Technology, Netherlands) as TCCN Vice-Chairs and Periklis Chatzimisios (Alexander TEI of Thessaloniki, Greece) as Secretary of TCCN (connected by phone).

All the participants then presented themselves and declared their affiliation. A sign in sheet was used in order to capture attendance of all participants. Furthermore, TCCN provided the opportunity to all members to connect by phone and participate to the meeting. Interested participants had to fill in the Teleconference Attendance List by phone: (<https://www.surveymonkey.com/s/DBY7JLC>)

The meeting recorder is Periklis Chatzimisios (TCCN Secretary).

## **2. Approval of the Agenda**

Ekram moved the motion to approve. Jianwei seconded. The agenda was presented to the attendees by the Chair Prof. Grace and was unanimously approved by the Committee.

## **3. Approval of the TCCN meeting minutes (Globecom 2013)**

VP moved and Ekram seconded. The Committee unanimously approved the minutes of the last TCCN meeting at Globecom 2013 in Atlanta, USA.

## **4. Research group Software Defined and Virtualized Wireless Access**

Prof. Fabrizio Granelli (University of Trento, Italy) presented the proposal for a Research Group on Software Defined and Virtualized Wireless Access (the slides are available in the TCCN website).

## **5. Reports and New Special Interest Groups (including Cognitive Radio for 5G, Cognitive Security)**

The Chair briefly described the process of establishing new Special Interest Groups (SIGs) within TCCN. Charles presented an activities report on the Cognitive Networks Security SIG. Jian Wei presented information and the objectives of the recently established SIG on Cognitive Networks for 5G (the slides for both SIGs are available in the TCCN website).

Finally, the Chair asked the participants if they want to propose any new SIGs (none has been proposed).

## **6. Reports on conferences (e.g. ICC 2014, Globecom 2014, ICC 2015, DySPAN 2014)**

Prof. Charles Clancy (Virginia Tech., USA) presented a report and statistics about DySPAN 2014 conference (the slides are available in the TCCN website). David Grace will contact DySpan conf steering committee about 18months cycle. Roberto presented the report on GC'14 CRN track.

## **7. Reports on publications (JSAC series issue, Transactions on Cognitive Communications and Networks, etc)**

Liang reported about the JSAC series issue and the new journal that has been approved and it is entitled "IEEE Transactions on Cognitive Communications and Networks".

## **8. Reports Standard activities (IEEE DySPAN-SC/1900, TVWS, ITU-R, ETSI, ARIB etc)**

Dr. Oliver Holland (King's College London, UK) presented a report about IEEE DySPAN-SC and IEEE 1900 Standards Working Groups (the slides are available in the TCCN website).

## **9. Review of TCCN Policies and Procedures**

The Chair reported information about the updated Policy & Procedures and asked all TCCN members to provide comments/suggestions in order to finalize them before the end of term of the current Officers.

## **10. TCCN Officer Election procedures**

The Chair reported in detail the procedures about the Elections of TCCN new Officers. A live discussion took place about defining the Active (Voting) members within TCCN and the definition of significant contribution. Finally, a decision was made (based on the majority) to carry out the Elections of TCCN new Officers before the IEEE Globecom 2014 conference, so handover arrangements could be put in place at that meeting. The election itself would be carried out electronically, as recommended by the Comsoc Technical Advisory Council.

## **11. Other new ideas and initiatives**

The Chair pointed out that volunteers' participation to TCCN activities is really appreciated and necessary.

## **12. Next TCCN Meeting**

The Chair announced that the next meeting during the IEEE Globecom 2014 conference (8-12 December 2014, Austin, USA).

## **13. Any other business**

Octavia Dobre recommended that people attend her tutorial on Saturday 14<sup>th</sup> June.

The meeting is adjourned at 18:00.

## Attendance record

#	Name	Organization	Phone
1	David Grace	University of York	
2	Kandeean Sithamparanathan	RMIT University	
3	Charles Clancy	Virginia Tech	
4	Alberto Rabbachin	European Commission	
5	Fabrizio Granelli	University of Trento	
6	Gengfa Fang	Macquarie University	
7	Yue Gao	Queen Mary University	
8	Junlin Yu	The Chinese University of Hong Kong	
9	Qian Ma	The Chinese University of Hong Kong	
10	Eryk Dutkiewicz	Macquarie University	
11	Thomas Haustein	Fraunhofer HHI	
12	Pierie Rixon	Macquarie University	
13	Wei Jiang	University of Duisberg-Essen	
14	Burhanuddin Mohd. Ali	Uni of Putra Malaysia	
15	Stefano Tomasin	University of Padova	
16	Symeon Chatzinotas	University of Luxemburg	
17	Kwang-Cheng Chen	National Taiwan University	
18	Chung-Ju Chang	National ChiaoTung University	
19	Y-W Peter Hong	National Tsing Hua University	
20	Chia-Han Lee	Academia Sinica	
21	Jian Tang	Sracuse University	
22	Michele Zorzi	University of Padova	
23	Sumei Sun	I2R	
24	Wei Chen	Tsinghua University	
25	Zhiseng Niu	Tsinghua University	
26	Ahmed Sakr	University of Manitoba	
27	Christophe Moy	SUPELEC	
28	Yiang-Chang Liang	I2R	
29	Jianwei Huang	Chinese University of Hong Kong	
30	Ekram Hossain	University of Manitoba	
31	Wei Zhang	UNSW	
32	Nordin Ramli	MIMOS, Malaysia	
33	Frank Y. Li	University of Adger	
34	Yulong Zou	NUPT	
35	Octavia Dobre	Memorial University	
36	Jinsong Wu	Alcatel Lucent	
37	Shuguang (Robert) Cui	Texas AM University	
38	R.V. Prasad	TU Delft	
39	Andrea Giorgetti	Uni of Bologna	
40	Chen Qian	Institute for Infocomm Research, Singapore	Y
41	Yonghong Zeng	Institute for Infocomm Research, Singapore	Y
42	Peh Chu Yeow Edward	Institute for Infocomm Research, Singapore	Y
43	Yiyang Pei	Institute for Infocomm Research, Singapore	Y
44	Haoran Yu	The Chinese University of Hong Kong	Y
45	Changkun Jiang	The Chinese University of Hong Kong	Y
46	Yuan Luo	The Chinese University of Hong Kong	Y
47	Oliver Holland	King's College London	Y
48	Periklis Chatzimisios	Alexander TEI of Thessaloniki, Greece	Y
49	Richard Southwell	The Chinese University of Hong Kong	Y
50	Man Hon Cheung	The Chinese University of Hong Kong	Y
51	Hao Wang	The Chinese University of Hong Kong	Y
52	Lingjie Duan	Singapore University of Technology and Design	Y