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IEEE Technical Committee on Cognitive Networks (TCCN) Meeting Agenda and Supporting Information

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Information for Teleconference Attendees

- **Selected presentations are online at:**
<http://cn.committees.comsoc.org/meetings/ieee-globecom-2015>
- **Minutes of the meeting at ICC 2015 (June 2015):**
http://cn.committees.comsoc.org/files/2015/11/ICC15_TCCN_meeting_minutes_ICC_2015_v2.pdf

Agenda (and Approval Thereof)

- 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, Crowncom 2016)**
- 9. Reports on publications (TCCN Communications, Transactions on Cognitive Communications and Networks)**
- 10. Next TCCN Meeting**
- 11. Any other business**

Introduction to TCCN



‘The goal of Technical Committee on Cognitive Networks (TCCN) **is to provide a platform for its members in particular**, and the cognitive networking research, development, policy making and standardization community in general, **to interact and exchange technical ideas to identify major challenges and also drive solutions in the development of cognitive networking technologies**. The technical issues addressed by the committee will include spectrum agile/dynamic spectrum access networks, related issues from PHY to application layers, security issues, policy issues (e.g., spectrum policy reform by U.S., Canada and European Union), implementation technologies (e.g., software radio, middleware), economic considerations and standardization activities.

Cognitive networks are touted to drive the next generations of digital communications. This technical area is attracting a tremendous amount of interest from academia, university, industry and government. New IEEE standardization activities, FCC's spectrum policy reform, federally funded research programs (e.g., DARPA XG and NSF NeTS ProWiN) are some examples of major activities supporting R&D in cognitive networks.’

Joining TCCN

- **All are welcome – TCCN is open**
- **Mailing List (1,409 members – December 2015)**
 - To send a message to the list: tccn@comsoc.org
 - To subscribe or manage subscription: <https://comsoc-listserv.ieee.org/cgi-bin/wa?SUBED1=tccn&A=1>
- **Website**
 - <http://cn.committees.comsoc.org>
- **Members**
 - Must attend at least 1 meeting, or
 - Join the email list
- **Active (Voting) Members (see Policies and Procedures for strict definition)**
 - Must attend 2 out of 5 of the last TCCN Meetings, and/or
 - Make a significant contribution to Cognitive Networks
 - Can vote in elections, and stand for an elected Officer position

Special Interest Groups

- **Aim is to promote important activities in TCCN**
- **SIGs formed mainly from the bottom-up**
- **Regular calls for SIGs will be issued on tccn@comsoc.org**
- **Reports from currently active SIGs**
 - Cognitive Security – K.P. (Suba) Subbalakshmi (Stevens), ksubbala@stevens.edu
 - Cognitive Radio for 5G – Markus Mueck (Intel), markus.dominik.mueck@intel.com