



IEEE GLOBECOM, December 2018

IEEE Technical Committee on Cognitive Networks (TCCN)

Chair: Jianwei Huang

The Chinese University of Hong Kong

Officers (2016-2018)



- **Chair**

- Jianwei Huang, The Chinese University of Hong Kong, China

- **Vice-Chairs**

- Oliver Holland, Kings College London, UK (TCCN Vice-Chair Europe/Africa)
- Walid Saad, Virginia Tech, USA (TCCN Vice-Chair Americas)
- Lingyang Song, Peking University (TCCN Vice-Chair Asia Pacific)

- **Secretary**

- Yue Gao, Queen Mary University of London

Officers (2019-2020)



- **Chair**

- Yue Gao, Queen Mary University of London, UK

- **Vice-Chairs**

- Oliver Holland, Kings College London, UK (TCCN Vice-Chair Europe/Africa)
- Lingyang Song, Peking University (TCCN Vice-Chair Asia Pacific)
- Daniel Benevides da Costa, Federal University of Ceará, Brazil (TCCN Vice-Chair Americas)

- **Secretary**

- Lin Gao, Harbin Institute of Technology, Shenzhen, China

TCCN Special Interest Groups (SIGs)

- **What is an SIG?**
 - SIGs are mini-TC, representing the hot and emerging research areas in the general field of cognitive networks
- **What does an SIG do?**
 - Organize journal special issues
 - Organize workshops and conferences
 - Organize other related technical activities (conference call, blogs, etc.)
- **Who are in an SIG?**
 - Leadership team: a Chair, one or more Vice-Chairs, one or more advisors
 - 10+ key members
 - Considering geographical and academia/industry balance
- **How to establish an SIG?**
 - Fill in the form with the proposed SIG team and activities <http://cn.committees.comsoc.org/special-interest-groups-sigs/application-for-special-interest-groups/>
 - Send to TC Chair
 - Usually go through 1-2 rounds of feedback before official approval

TCCN Awards



- **TCCN has two awards**
- **IEEE ComSoc TCCN Recognition Award**
 - The recognition award is given to (up to) one individual who is deemed to have made significant and sustained contributions to cognitive network community. The intent is to recognize contributions over a period of time via any of the following modalities including combinations thereof:
 - **Scholarly excellence** in cognitive network research as evidenced by publications, patents and hardware/software prototypes;
 - Technical or scholarly leadership as evidenced by contributions to standards, patents, leading research, and/or significant project management;
 - Meritorious service to the cognitive network community inclusive of IEEE ComSoc, industry and government policy.
- **IEEE ComSoc TCCN Publication Award**
 - The recognition award is given to (up to) one individual or group who are deemed to have made outstanding technical contributions to TCCN. The basis of judgment will be archival, peer-reviewed publications in ComSoc conferences and journals over any period prior to the award year.

TCCN Award Procedures



- **Two awards are overlapping in the area of Scholarly excellence**
- **To avoid confusion, propose to remove “scholarly excellence” from recognition award**
- **IEEE ComSoc TCCN Recognition Award:**
 - Technical or scholarly leadership and meritorious service to the cognitive network community
- **IEEE ComSoc TCCN Publication Award:**
 - Outstanding technical contributions to TCCN as evidenced by publications.

TCCN Nominations



- **ICC/GC Symposium Chairs**
- **ComSoc Distinguished Lecturers**
- **IEEE Fellows**

ICC/GC Symposium Chair Nominations



- **TCCN supports “Cognitive Radio and Network Symposium” in ICC/GC**
- **Open call-for-nominations from TCCN members**
- **Decisions voted by TCCN Officers (avoiding Col)**
- **Selection criterions**
 - Research record
 - Service record
 - **Service record to TCCN: SIG, Newsletter, Standardization, Publicity, Conference, Journal**

ComSoc Distinguished Lecturers (DLs) Nominations

- **TCCN nominates up to 4 ComSoc Distinguished Lecturers every September**
- **Open call-for-nominations from TCCN members**
- **Decisions voted by TCCN Officers (avoiding Col)**
- **Selection criterions**
 - Research record
 - Public speaking record
 - **Service record to TCCN: SIG, Newsletter, Standardization, Publicity, Conference, Journal**
- **DLs can also be nominated by individual IEEE Senior Members**

IEEE Fellow Endorsements



- **TCCN can endorse IEEE Fellow nominations**
- **Typically done by the TCCN Chair**
 - With consultations with other officers if necessary
- **Focusing on both the technical and service contributions to TCCN**