IEEE COMMUNICATIONS SOCIETY
Wireless Communications Technical Committee (WTC)

ICC2021, online meeting

Tuesday 29 July, 8am PDT

Officers:

Chair: Bechir Hamdaoui, Oregon State Univ.
Vice Chair: Yue Gao, Queen Mary Univ. of London

Secretary: Jie Xu, Chinese Univ. of Hong Kong, Shenzhen

Agenda

- Approval of the Agenda
- Approval of last WTC Meeting Minutes
- Attendance & Signing Up
- WTC: General Information and Mission Statement
- WTC Awards
- WTC Activities
- Updates from TC Board Meeting
- Discussion & Other Businesses
- Adjourn

GC2020 WTC meeting minutes

GC 2020 Wireless Communications Technical Committee (WTC) on Tuesday 15/12/20
Chaired by Chaired by the WTC Chair: Wei Zhang

In Attendance: Wei Zhang (WTC Chair) Bechir Hamdaoui (WTC Vice-chair) Yue Gao (WTC Secretary), and WTC members (see the attendance list)

Meeting started at 9:00am (Time Zone: America/New_York), Tuesday December 15, 2020

1. Welcome and Introduction
   Chair initiated the WTC meeting. The meeting recorder was Yue Gao. The attendance was recorded on the Zoom chat box.
2. Approval of the Agenda (The Agenda was presented by Chair, moved by Wei Zhang and seconded by Mohammed Atiquzzaman. There were no objections, and no abstentions. The Agenda was unanimously approved)
3. Approval of GC 2019 meeting minutes. (The minutes was presented by the Chair, moved by Sherman Shen and seconded by Luis M. Correia. There were no objections, and no abstentions. The Agenda was unanimously approved)
4. General introduction of WTC information and mission statement
5. WTC Award Committee members of WTC 2019
   - Introduction of WTC Recognition Award
   - Introduction of WTC Outstanding Young Researcher Award
   - WTC 2020 Award ceremony
     - Professor Hamid Jafarkhani for the WTC Recognition Award
     - Professor Rui Zhang for the the WTC Recognition Award
     - Professor Sheng Zhou for the WTC Outstanding Young Researcher Award
6. WTC activities:
   - Endorsement of Conferences for ComSoc technical co-sponsorship
   - Nomination for Symposium Co-Chairs of ICC and Globecom
   - Endorsement of IEEE Fellows
     - 3 endorsement submitted in Feb 2020.
   - Nominations for DL: 4 nominated and 3 approved.
   - ComSoc P&Ps updated in Oct 2020.
   - Emerging Technologies (SIGs established)
     - Space Air Ground Integrated (SAGI)
     - Reconfigurable Intelligent Surfaces for Smart Radio Environments (RISE)
     - Integrated Sensing and Communication (ISAC)
     - Rate-Splitting Multiple Access
   - New Initiatives
     - WTC Online Seminars: https://wtc.committees.comsoc.org/seminars/
     - ComSoc Virtual Distinguished Lecture program: https://www.comsoc.org/membership/distinguished-lecturers
     - ComSoc YouTube channel: https://www.youtube.com/user/IEEEComSoc
     - IEEETV https://ieeetv.ieee.org/channels/communications
7. Adjourn (10:00am)

Attendance & Signing Up

◈ Make sure to sign up for the meeting by typing your "FirstName, LastName, Affiliation, Email" in the zoom chat room

◈ Also, please keep your mic muted unless you want to talk

◈ All past attendances are posted on
https://wtc.committees.comsoc.org/meeting-minutes/

WTC - general information

- ❖ Website: http://wtc.committees.comsoc.org/
  - *About 1700+ members in the list*
  - Our members are encouraged to volunteer in professional activities

- ❖ Becoming WTC member
  - Open to all ComSoc members
  - Need to subscribe to WTC mailing list (Instructions are on WTC web page)

- ❖ Becoming active WTC member
  - Need to attend at least 2 of 5 prior WTC meetings.
  - Past attendance records can be found at *https://wtc.committees.comsoc.org/meeting-minutes/*

- ❖ Mailing list: *ieeewtc@comsoc.org*
  - Can opt out of mass emails; just log onto system and click appropriate box
  - WTC Chair emails are sent to all members
    - Opting out of WTC Chair emails can only be done by terminating your membership; this can also be done through the web

WTC mission statement

The mission of WTC is to **sponsor** publications, conferences, technical sessions, workshops, and other information exchanges on architectures, applications, systems, terminals and technologies to provide wireless, mobile, location-independent communication and computing in voice, data and visual media. Its areas of interest include techniques for achieving portability, ubiquity and transparency using mobile and wireless networks ranging from physical layer, MAC layer, network layer to application layer. The committee also assumes the proactive duty to **nominate** suitable candidates for ComSoc and IEEE awards, **propose** distinguished lecturer candidates, and **endorse** deserving candidates for the election to IEEE Senior Member and Fellow grade, make contributions to standards in an organized form.

WTC Awards

❖ **Two Awards**

- WTC Recognition Award
- WTC Outstanding Young Researcher Award
- Presented/announced at the Globecom meeting

❖ **WTC Recognition Award**

- A person with a high degree of visibility and contribution to the field of "Wireless and Mobile Communications Theory, Systems, and Networks"

❖ **WTC Outstanding Young Researcher Award**

- This award recognizes WTC members who have achieved early career visibility in the field through research and service to WTC.

WTC Recognition Award
(Nomination deadline Oct 15, 2021)

◆ **BASIS FOR JUDGING**

- A person with a high degree of visibility and contribution to the field of "Wireless and Mobile Communications Theory, Systems, and Networks"

◆ **PRESENTATION**

- Annually (as appropriate).
- No more than two awards will be given per year.

◆ **NOMINATION**

- Solicited from the WTC members annually.
- Should include a brief description of "what service or/and accomplishment" the person is nominated for and a one page supporting material.
- Additionally, two letters supporting the nomination may be sent to the WTC Award Committee Chair.

WTC Recognition Award – Past Recipients

- 2020 Prof Hamid Jafarkhani, Prof. Rui Zhang, Prof.
- 2019 Prof. Sherman Shen, Univ of Waterloo, Canada; Prof. Jeff Andrews, UT Austin, USA
- 2018 Prof. Halim Yanikomeroglu, Carleton Univ., Canada; Prof. Robert Heath, UT Austin, USA
- 2017 Prof. Robert Schober, FAU, Germany; Prof. Mohsen Guizani, Univ. of Idaho, USA
- 2016 Prof. Junshan Zhang, ASU, USA; Prof. Mohamed-Slim Alouini, KAUST, Saudi Arabia
- 2015 Prof. Romano P. Fantacci, Florence University, Italy; Prof. Chengshan Xiao, Missouri Univ. of Science and Technology, USA
- 2014 Prof. Yuguang "Michael" Fang, University of Florida, USA ;2014 Prof. Gerhard P. Fettweis, Technische Universität Dresden , Germany
- 2013 Prof. Geoffrey Li, Georgia Institute of Technology, USA
- 2012 Prof. Zhi Ding, UC Davis, USA and Prof. Zygmunt J. Haas, Cornell University, USA
- 2011 Prof. Kwang-Cheng Chen., National Taiwan Univ., and Prof. Khaled B. Letaief, HKUST, Hong Kang,
- 2010 Prof. Leonard J. Cimini Jr., University of Delaware, USA and Prof. H. Vincent Poor, Princeton University, USA
- 2009: Prof. Jerry Gibson, University of California, Santa Barbara, USA and Prof. Andrea Goldsmith, Stanford University, USA
- 2008: Prof. David Falconer, University of Carleton, Canada and Prof. Ted Rappaport, UT Austin, USA
- 2007: Prof. Lajos Hanzo, University of Southampton, UK and Prof. Gordon Stuber, Georgia Institute of Technology, USA
- 2006: Prof. Vijay Bhargava, University of British Columbia, Vancouver, Canada and Prof. Robert De Marca, CETUC, Pontifical Catholic Univ., Rio de Janeiro, BRAZIL
- 2005: Prof. Hamid Aghvami, King's College, London, UK and Dr. Justin C-I Chuang, Broadcom, USA
- 2004: Prof. Steve Rappaport, State University of New York, USA
- 2003: Prof. Ramjee Prasad, University of Aalborg, Denmark
- 2002: Prof. Elvino S. Sousa, Univ. of Toronto, Canada & Prof. Imrich Chlamtac, Univ. of Texas at Dallas, USA

WTC Outstanding Young Researcher Award
(Nomination deadline Oct. 15, 2021)

This award recognizes WTC members who have achieved early career visibility in the field through research and service to WTC.

No more than two awards will be given per year.

The nominee must:

◆ be an IEEE ComSoc Member and an active WTC member at the time of nomination (see P&P for "active WTC member"),

◆ have been involved significantly with research related to the areas of wireless communications, and

◆ be within 10 years since completion of Ph.D. at the time of nomination.

WTC Activities

ComSoc Technical Co-sponsorship Conference Endorsement

❖ Conference should be relevant to WTC

❖ At least **three** WTC members should be involved in the conference TPC

❖ Conference shall enjoy a good reputation among the community

❖ WTC endorses a number of conferences every year

GC/ICC Symposia Chair Nomination

❖ Nominations have already been made up to ICC 2023

❖ Let us know if you are interested in participating in the future

IEEE Fellowship Endorsement

❖ 1 endorsement made by Feb 2021.

ComSoc Distinguished Lecturer Nomination

❖ Nomination deadline is September 2021. Call for nomination will be sent out.

Updates from TC Board meeting

Officer election

- TCs need to ensure that there is more than one candidate per officer position, even if it requires including members who are not active members (though priority should be given to active members)

Award eligibility

- All comsoc members are eligible for an award (not only active members)

BoG Ad Hoc Committee for restructuring TC/IC/ETIs

- Re-organize/increase harmony between TCs and ICs for efficient management
- To better facilitate joint activities between academic and industrial members, to help produce industry-friendly content, and to attract industry participation
- To limit the number of TCs and minimize technical area overlapping among TCs

Discussion and any other businesses

Open discussion

Adjourn

Thank You!

Next WTC meeting will be held at GC 2021