



**IEEE COMMUNICATIONS SOCIETY**  
**Wireless Communications Technical Committee**  
**(WTC)**

GC2022, online meeting  
Tuesday Nov 17, 9am PDT (Los Angeles, USA)

*Officers:*

Chair: Bechir Hamdaoui, Oregon State Univ.

Vice Chair: Yue Gao, Univ. of Surrey, UK

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
- ◆ WTC Activities
- ◆ WTC PnPs Updates
- ◆ WTC Awards
- ◆ WTC Election
- ◆ TC Restructure Updates
- ◆ Discussion & Other Businesses
- ◆ Adjourn



## ICC2022 WTC Meeting minutes

### Wireless Communications Technical Committee (WTC)

Thursday, May 05, 2022

**ICC 2022 Wireless Communications Technical Committee (WTC)** on Thursday 05/05/22

Chaired by the WTC Chair: Bechir Hamdaoui

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

Meeting started at 8:00am (Time Zone: America/ Los Angeles), Thursday, May 05, 2022

1. Welcome and Introduction  
Chair initiated the WTC meeting. The meeting recorder was Jie Xu. The attendance was recorded on the Zoom chat box.
2. Approval of the Agenda (The Agenda was presented by Chair, moved by Neeli Prasad and seconded by Claudio Marche. There were no objections, and no abstentions. The Agenda was unanimously approved)
3. Approval of GC 2021 meeting minutes. (The minutes was presented by the Chair, moved by Hacene Fouchal and seconded by Yue Gao. There were no objections, and no abstentions. The meeting minutes was unanimously approved)
4. General introduction of WTC general information and mission statement
5. WTC Award 2022
  - Introduction of WTC Recognition Award
  - Introduction of WTC Outstanding Young Researcher Award
  - Introduction of A New Service Award – Status Update
    - Proposed during September 2021 meeting
    - Request made to VP-TEA
    - Update from VP-TEA: New awards will require TC Board approval
6. WTC activities:
  - WTC Online Seminar Series
  - Nomination for Symposium Co-Chairs of ICC and Globecom: Nominations for ICC 2024 are open; 9 nominations for ICC 2023; 6 nominations for GC 2023
  - Nominations for Distinguished Lectures: 4 nominated in 2021
  - Endorsement of Conferences for ComSoc technical co-sponsorship: 2 endorsed so far this year
  - WTC P&P Updates: Major Section 7 updated
  - Discussion
7. Adjourn (8:20am)



## 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

- ❖ 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
  - ❖ See: <http://wtc.committees.comsoc.org/>

## WTC Activities: GC/ICC Symposia Chair Nomination

### WTC's Sponsored GC/ICC Symposia:

- ❖ Wireless Communication Symp
- ❖ Mobile & Wireless Networks Symp
- ❖ IoT & Sensor Networks Symp
- ❖ Cognitive Radio & AI-enabled Networks Symp
- ❖ Signal Processing for Communications Symp
- ❖ Communication Theory Symp

## WTC Activities: GC/ICC Symposia Chair Nomination

### ❖ **Nominations for GC 2024 are open:**

❖ Email us if you are interested **by Nov 20**

❖ Eligibility:

(1) chaired/ or selected to chair **2 or less** symposia in GC 21 to ICC 24

(2) not selected to chair in ICC 2024

### ❖ **WTC nominations for ICC 2023:**

❖ 6 WTC members were nominated

### ❖ **WTC nominations for GC 2022:**

❖ 9 WTC members were nominated

## WTC Activities: Distinguished Lecturer Nomination

### ❖ Requirements to be a nominee

- Be an IEEE Senior member and a ComSoc member
- Agree to prepare a conference tutorial if and when asked

### ❖ Nominators of a DL:

- Should be an IEEE Senior Member who is a ComSoc member
- Could be from WTC (or any other TC)

### ❖ Selection process/timeline

- Call for nominations are sent as soon as announced by DL committee
- Selection of DL candidates and TC nominations are made by WTC officers
- WTC (and any other TC) can nominate up to 4 candidates
- Two-year terms, with possibly one more time.

### ❖ 2022 DL nominations:

- Several WTC members were nominated this year



## WTC Activities: Conference Technical Co-Sponsorship

### ❖ **WTC endorsement of conferences: requirements**

- ❖ Technical scope of conference should be relevant to WTC
- ❖ At least 3 WTC members should be involved in the conference TPC
- ❖ The conference should enjoy good reputation among the community

### ❖ **Conferences have been endorsed by WTC this year**

- ❖ We endorsed a few conferences so far this year

### ❖ **Note: you still need to fill out the comsoc application online**

## WTC PnP Updates

### ❖ Current award types:

- Recognition Award
- Outstanding Young Researcher Award

### ❖ New Service Award (history):

- Proposed by WTC members
- Request sent to TEA-VP/TCB-D
- TEA-VP/TCB-D OK'ed to move with the approval by our TC
- Drafted WTC PnPs & updated the WTC website
- Emailed you for feedback a while ago

## WTC PnP Updates

### ❖ New Service Award

“This Service Award is established to recognize the WTC members who have demonstrated exemplary service to WTC, its members and to the WTC community at large, including taking on leadership roles, organizing symposia and workshops in WTC-related areas, and promoting activities of interest to the WTC research community. The award will be given once a year and no more than two awards will be given per year.”

### ❖ Propose a motion to approve

### ❖ Next Steps

- TCB voting after TC’s approval
- Update WTC PnPs when and if voted on favorably by TBC

## 2022 WTC Awards

### ❖ 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"
- Two awards, at most, will be given each year

### ❖ WTC Outstanding Young Researcher Award

- Recognizes WTC members who achieved early career visibility in the field through research and service to WTC.
- Need be ComSoc member and active WTC member at the time of nomination
- Need be within 10 years since completion of Ph.D. at the time of nomination

## WTC Awards: Timeline

### Nomination and Selection Timeline

- ◆ Call for nominations sent out to all WTC members: **Sept 6, 2022**
- ◆ Deadline for receiving nominations: **Sept 30, 2022**
- ◆ Decision/Report received from Award Subcommittee: **Nov. 12, 2022**
- ◆ Award winners approved by VP-TEA/TCB-D: **Nov 12, 2022**
- ◆ **Two winners were selected, one for each award type**

## 2022 WTC Awards: Subcommittee

- ◆ Chair: Hussein Mouftah; University of Ottawa, Canada
- ◆ Member: Neeli Prasad; VehicleAvatar Inc, USA
- ◆ Member: Nelson Fonseca; State University of Campinas, Brazil
- ◆ Member: Lajos Hanzo; University of Southampton, UK
- ◆ Member: Pooi-Yuen Kam; The Chinese Univ. of Hong Kong, Shenzhen, China

A word from the award subcommittee chair

# **WTC Outstanding Young Researcher Award Winner**



The IEEE Wireless Communications Technical Committee (WTC) is proud to present the **Outstanding Young Researcher Award** to

## **Professor Josep Miquel Jornet**

for his research contributions to the field of wireless communications and for his service to WTC”

**Bechir Hamdaoui**  
**IEEE ComSoc WTC Chair**  
**November 2022**

**Hussein Mouftah**  
**Award Subcommittee Chair**  
**November 2022**



## WTC Outstanding Young Researcher Award Winner: Josep Miquel Jornet

Josep M. Jornet is an Associate Professor in the Department of Electrical and Computer Engineering, the Director of the Ultrabroadband Nanonetworking Laboratory and a faculty member of the Institute for the Wireless Internet of Things and the SMART Center at Northeastern University, in Boston, MA, USA. He received the B.S. in Telecommunication Engineering and the M.Sc. in Information and Communication Technologies from the Universitat Politècnica de Catalunya, Barcelona, Spain, in 2008. He received the Ph.D. degree in Electrical and Computer Engineering from the Georgia Institute of Technology, Atlanta, GA, in 2013. Between 2013 and 2019, he was a faculty in the Department of Electrical and Computer Engineering at the University at Buffalo, The State University of New York. He is a leading expert in terahertz communications, in addition to wireless nano-bio-communication networks and the Internet of Nano-Things. In these areas, he has co-authored more than 200 peer-reviewed scientific publications, one book, and has also been granted six US patents, which accumulate over 13,500 citations (h-index of 53) as of November 2022. He is serving as the lead PI on multiple grants from U.S. federal agencies including the National Science Foundation, the Air Force Office of Scientific Research and the Air Force Research Laboratory as well as industry. He is the recipient of multiple awards, including the 2017 IEEE ComSoc Young Professional Best Innovation Award, the 2017 ACM NanoCom Outstanding Milestone Award, the UB Exceptional Scholar Young Investigator Award in 2018 and Sustained Achievement Award in 2019, the NSF CAREER Award in 2019, the 2022 Martin W. Essigmann Excellence in Teaching Award, 2022 and the 2022 IEEE ComSoc RCC Early Achievement Award, among others. He has received multiple Best Paper Awards in multiple venues, including ACM NanoCom 2017, INFOCOM 2021 and the IEEE WoWMoM Non-Terrestrial Networks Workshop both in 2021 and 2022. He is a senior member of the IEEE and an IEEE Distinguished Lecturer (Class of 2022-2023). He is also the Editor in Chief of the Elsevier Nano Communication Networks journal and Editor for IEEE Transactions on Communications.



# **WTC Recognition Award Winner**



The IEEE Wireless Communications Technical Committee (WTC) is proud to present the **2022 WTC Recognition Award** to

## **Professor Moe Win**

for his exceptional contributions to the field of “Wireless and Mobile Communications Theory, Systems, and Networks”

**Bechir Hamdaoui**  
**IEEE ComSoc WTC Chair**  
**November 2022**

**Hussein Mouftah**  
**Award Subcommittee Chair**  
**November 2022**

## WTC Recognition Award Winner: Moe Win

Moe Win is a Professor at the Massachusetts Institute of Technology (MIT) and the founding director of the Wireless Information and Network Sciences Laboratory. Prior to joining MIT, he was with AT&T Research Laboratories and NASA Jet Propulsion Laboratory. His research encompasses theoretical foundation, algorithm design, and network experimentation for a broad range of real-world problems. Current research topics include network localization and navigation, network interference exploitation, adaptive diversity techniques, ultra-wideband systems, and quantum information science.

Professor Win is a Fellow of the AAAS, the EURASIP, the IEEE, and the IET. He has served the IEEE Communications Society as an elected Member-at-Large on the Board of Governors, as elected Chair of the Radio Communications Committee, and as an IEEE Distinguished Lecturer. He was honored with two IEEE Technical Field Awards: the IEEE Kiyo Tomiyasu Award and the IEEE Eric E. Sumner Award. His publications, co-authored with students and colleagues, have received several awards. Other recognitions include the MIT Everett Moore Baker Award, the IEEE Vehicular Technology Society James Evans Avant Garde Award, the IEEE Communications Society Edwin H. Armstrong Achievement Award, the Copernicus Fellowship and the Laurea Honoris Causa from the Università degli Studi di Ferrara, and the U.S. Presidential Early Career Award for Scientists and Engineers. He is an ISI Highly Cited Researcher.



## 2022 WTC Election

- Current officers: **term ends on December 31, 2022**
- New officers: will be elected to serve the 2023-2024 term
- Newly elected officers will be announced in December

## 2022 WTC Election: N&E Committee

### 2022 WTC N&E Committee:

- ◆ Chair: Bechir Hamdaoui, Current WTC Chair
- ◆ Member: Wei Zhang, Past WTC Chair
- ◆ Member: Shuguang Cui, 2nd Past WTC Chair
- ◆ Member: Tarik Taleb, 3rd Past WTC Chair
- ◆ Member: Neeli Prasad, WTC member representative

## 2022 WTC Election: Timeline

- ◆ Call-for-Nominations emailed out to WTC members: Oct 24
- ◆ Deadline for receiving nominations: Nov 12
- ◆ Selected nominees are to be announced: **Nov 25** (instead of Nov 17)  
**(Not enough nominees; committee needs time to identify additional candidates)**
- ◆ Voting start date: **Nov 25** (instead of Nov 21)
- ◆ Voting end date: **Dec 5** (instead of Nov 30)
- ◆ Approved results to be announced: December

## 2022 WTC Election: PnPs

### ◆ Voting members

- Active WTC member
- Past WTC officer
- Winner of WTC Recognition Award.

In addition to the above, a WTC voting member must be an IEEE Communications Society member, or an IEEE Communications Society student member.

### ◆ Active members

Attended (physically present or by teleconference) **two or more of the prior five regularly scheduled WTC meetings**

### ◆ Members

Subscribe to the WTC mailing list as specified on the WTC web page.

### ◆ List of Voting Members will be posted on WTC website





## TC Restructure Update

### TC Restructure (update & draft)

#### Why Should We Restructure the TCs?

- Lack of industry participation
- Lack of diversity in YP & Students members
- Lack of coordination to form SIGs
- Lack of support for local chapters globally
- Lack of support for standard development
- Lack of educational services to members
- Lack of guidelines in creating TC awards
- Significant overlapping areas among some TCs

#### What we've done in 2022?

##### Iterative Procedure

▶ Iterative procedure to involve TCs/ICs in the process:



All meeting docs and slides are available at:  
<https://tc.boards.comsoc.org/meeting-documents/>

**Your feedback is very important to us!**

Please send your comments to  
Shiwen Mao, TC Board Director, E-mail: [smao@ieee.org](mailto:smao@ieee.org)  
Wei Zhang, VP TEA, E-mail: [weizhang@ieee.org](mailto:weizhang@ieee.org)

**Discussion and any other businesses**

Time for discussing any other items

# Adjourn

## Thank You!