



# IEEE COMMUNICATIONS SOCIETY

## Wireless Communications Technical Committee (WTC)

ICC2022 Online Meeting  
Thursday May 5, 8am PDT

*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 and Mission Statement
- ◆ WTC Awards
- ◆ WTC Activities
- ◆ P&P Updates
- ◆ Discussion & Other Businesses
- ◆ Adjourn

## GC2021 WTC meeting minutes (also posted and accessible via WTC website)

### Wireless Communications Technical Committee (WTC)

Tuesday, November 23, 2021

GC 2021 Wireless Communications Technical Committee (WTC) on Tuesday 23/11/21  
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), Tuesday November 23, 2021

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 Luis M. Correia. There were no objections, and no abstentions. The Agenda was unanimously approved)
3. Approval of September 10, 2021 WTC Special Meeting minutes. (The minutes was presented by the Chair, moved by Yue Gao and seconded by Jalel Ben Othman. There were no objections, and no abstentions. The Agenda was unanimously approved)
4. General introduction of WTC information and mission statement
5. WTC Award 2021
  - Introduction of WTC Recognition Award
  - Introduction of WTC Outstanding Young Researcher Award
  - Word from the Award Committee chair, Prof. Hussein Mouftah
  - WTC 2021 Award ceremony
    - Winners of WTC Recognition Award: Prof. Andreas F. Molisch & Prof. Tarik Taleb
    - Winner of WTC Outstanding Young Researcher Award: Prof. Harpreet S. Dhillon
6. WTC activities:
  - WTC Online Seminar Series: Presented the speakers of the 2021.
  - Nomination for GC/ICC Symposium Co-Chairs: presented nominees of ICC 2023 and announced call for nominations for GC 2023. Discussed the requirements dictated by TPC Chairs of GC23 for serving as symposium chairs.
  - Nominations for DL: 4 nominated by WTC this year
  - Endorsement of Conferences for ComSoc technical co-sponsorship: 3 conferences endorsed by TWC this year
  - ComSoc WTC P&P Updates:
    - Current WTC P&Ps need to be updated to conform/align with the general comsoc P&Ps updated on October 2020.
    - Draft of TC P&Ps with updates reflecting those of general comsoc P&Ps is presented. Draft is posted on WTC website: <https://wtc.committees.comsoc.org/policies-and-procedures/>
    - An email to WTC members will be sent to seek the members' possible changes/edits, if any, right after the meeting.
    - A motion to update TC P&Ps on the WTC website with the changes indicated on the draft (and any changes a member may suggest via email by no later than Dec 15, 2021) is moved by Ranjan K. Mallik and seconded by Michael Fang. There were no objections. The motion was passed unanimously.
    - The changes will be updated on WTC website by end of Dec. 2021.
    - Chair informed the meeting that WTC is going through TC rectification this year.
7. Adjourn (9:00am)

## 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](mailto: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: Types

### ❖ 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: Types

- ❖ A new Service Award – status update
  - This was proposed by a few TC members during September 2021 meeting
  - A request for this new award is made to VP-TEA
  - Update from VP-TEA: new awards will require TC Board approval and will be discussed at TAB
  - Will bring this up during this upcoming TC board meeting
  - Will keep you posted with the process



## WTC Activities

- ◆ WTC Online Seminar Series
- ◆ GC/ICC Symposia Chair Nomination
- ◆ Distinguished Lecturer Nomination
- ◆ Conference Co-Sponsorship Endorsement

## WTC Activities: WTC Online Seminar Series

- **Upcoming talk: May 23 @ 8a PST**  
**Dr. Ammar Rayes, Cisco Systems, CA**
- *Prof. Jeffery Andrews, Univ. of Texas at Austin*  
Title: High Dimensional 6G Networks via Site-Specific Deep Learning
- *Prof. Hamid Jafarkhani, Univ. of California, Irvine*  
Title: Optimal Deployment in Heterogeneous Wireless Networks including UAVs: A Quantization Theory Perspective
- *Prof. Lajos Hanzo, Univ. of Southampton, UK*  
Title: On the Road From Classical to Quantum Communications
- *Prof. Josep M. Jornet, Northeastern University, USA*  
Title: Conquering the Terahertz Band for 6G Systems

## WTC Activities: GC/ICC Symposia Chair Nomination

### ❖ Nominations for ICC 2024 are open:

- Eligibility:
  1. Not chairing 3 or more in 10 most recent ICC/GC. (GC 18 to ICC 23)
  2. Not selected to chair in GC 2023
  
- Let us know if you are interested by sending (by tomorrow):
  1. Your affiliation and email, bio or webpage (containing a bio);
  2. A list of all prior ICC/GLOBECOM symposia chaired or comparable experiences in other major conferences.

## WTC Activities: GC/ICC Symposia Chair Nomination

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

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

## WTC Activities: GC/ICC Symposia Chair Nomination

### ❖ WTC made 9 nominations for ICC 2023:

- ❖ Chin-Tser Huang, Univ. of South Carolina, USA
- ❖ Marwa Chafii, CY Paris University, ENSEA, France
- ❖ Shuai Huan, Harbin Institute of Technology, China
- ❖ Ismaeel Al Ridhawi, Kuwait College of Sci and Tech, Kuwait
- ❖ Rui Dinis, Noa University of Lisbon, Portugal
- ❖ Sharief Oteafy, DePaul University, USA
- ❖ Jie Xu, The Chinese Univ of Hong Kong, Shenzhen
- ❖ Arsenia Chorti, Ecole Nationale Sup. De l'Electronique et ses apps, France
- ❖ Qihui Wu, Nanjing Univ of Aeronautics and Astronautics, China

### ❖ WTC made 6 nominations for GC 2023:

- ❖ Abdallah Shami; The University of Western Ontario, Canada
- ❖ Fulvio Babich; University of Trieste, Italy
- ❖ Shuai Han; Harbin Institute of Technology, China
- ❖ Moayad Aloqaily; xAnalytics Inc., Canada
- ❖ Giovanni Geraci; University Pompeu Fabra, Barcelona, Spain
- ❖ Melda Yuksel; Middle East Technical University, Turkey

## 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 WTC (or any other TC)

### ❖ Selection process timeline

- Call for nominations are sent as soon as received from DL committee chair
- 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.

### ❖ 2021 DL nominations:

- 4 WTC members were nominations 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 endorsed by WTC this year**

- ❖ We endorsed 2 conferences so far this year

## WTC P&Ps Updates

- ◆ **P&Ps are now updated in WTC website**
  - Section 4 (Nomination and Election Procedures)
  - Section 7 (WTC Awards)
  - Aligned with General P&Ps
  
- ◆ **Major Section 7 updates**
  - Section 7 updates reflecting all awards
  - Provided description of each of the two awards separately
  - Award committee selection process is aligned with general P&Ps.
  
- ◆ **Updated P&Ps are posted on website**  
<https://wtc.committees.comsoc.org/policies-and-procedures/>



## Discussion and any other businesses

- ❖ WTC Online Seminar Series
  - Dr. Ammar Rayes, Cisco is our next speaker
  - Date/time: May 23 @ 8am PST
  - Keep an eye out for the ad with more details
  
- ❖ Election coming up this December
  
- ❖ Call for award nominations
  
- ❖ Call for DL nominations

Any other item for discussion

# Adjourn

## Thank You!