



IEEE COMMUNICATIONS SOCIETY

Wireless Communications Technical Committee (WTC)

ICC2023, Online Meeting
Tuesday 16 May 2023
9:30 am-10:30am EDT

Current Officers:

Chair: Yue Gao, Fudan University, China

Vice Chair: Jie Xu, The Chinese University of Hong Kong, Shenzhen, China

Secretary: Adlen Ksentini, EURECOM, France

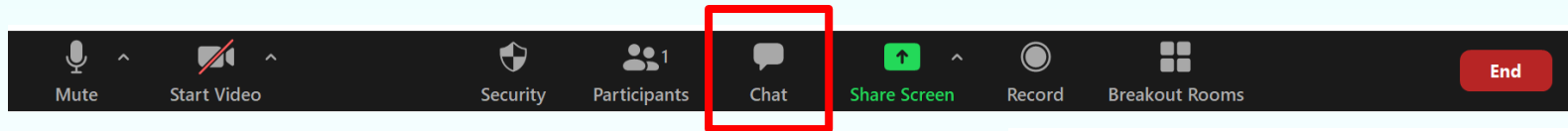


Before the meeting - Gentle Reminder

- ❖ Please **mute** your Mic if you do not want us to hear you.
- ❖ Please *raise hand* if you want to speak.
- ❖ Please sign in the meeting by type your “**name+affiliation+email**” in the message box. **See next page.**
- ❖ It is important to sign in the meeting, so you may keep your WTC membership active.
- ❖ The attendance record of past meetings is available at: <https://wtc.committees.comsoc.org/meeting-minutes/>

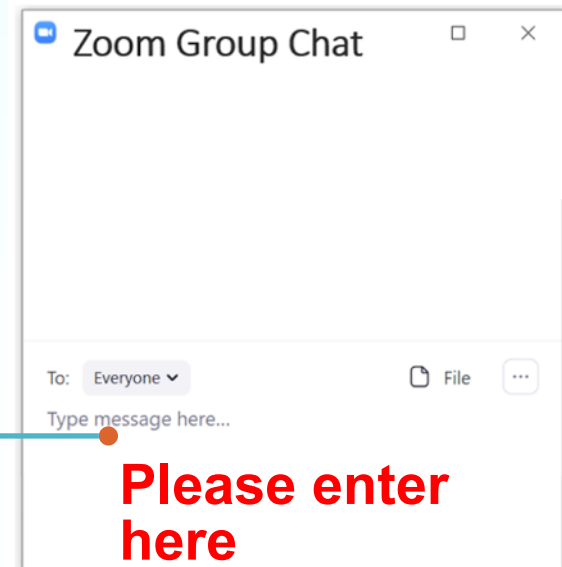
Sign in

- Step **1**: find and click “Chat” icon at the bottom of Zoom meeting interface



- Step **2**: please write your information in the chat box:

your name + affiliation + email



**The past WTC Chair (2020-2022):
Bechir Hamdaoui, Oregon State University!**



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Agenda

- ◆ Approval of the Agenda
- ◆ Approval of last WTC Meeting Minutes
- ◆ WTC: General Information and Mission Statement
- ◆ WTC Awards
- ◆ WTC Activities
- ◆ Emerging Technologies & SIG
- ◆ New Initiatives of ComSoc
- ◆ Discussions
- ◆ Adjourn



GC 2022 Wireless Communications Technical Committee (WTC) on Thursday 17/11/22

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 12:00pm EST, Thursday, November 17, 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 Mohsen Guizani and seconded by Yue Gao. There were no objections, and no abstentions. The Agenda was unanimously approved.)
3. Approval of ICC 2022 meeting minutes. (The minutes was presented by the Chair, moved by Yue Gao and seconded by Moayad Aloqaily. 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 activities:
 - Nomination for Symposium Co-Chairs of ICC and Globecom: Nominations for GC 2024 are open; 9 nominations for GC 2022; 6 nominations for ICC 2023
 - Nominations for Distinguished Lectures: several nominated in 2022
 - Endorsement of Conferences for ComSoc technical co-sponsorship: a few endorsed so far this year
 - WTC P&P Updates: Approval of the New Service Award (The New Service Award was presented by Chair, moved by Yue Gao, seconded by Mohsen Guizani; There were no objections, and no abstentions. The New Service Award was unanimously approved)
 - Discussion
6. WTC Award 2022
 - Introduction of WTC Recognition Award
 - Introduction of WTC Outstanding Young Researcher Award
 - Introduction of the 2022 WTC Awards Subcommittee: Hussein Mouftah (Chair), Neeli Prasad, Nelson Fonseca, Lajos Hanzo, Pooi-Yuen Kam
 - WTC 2022 Award ceremony
 - Professor Jesepe Miquel Jornet for the WTC Outstanding Young Researcher Award
 - Professor Moe Win for the WTC Recognition Award
7. 2022 WTC Election
 - Committee
 - Timeline
8. TC Restructure Update
9. Adjourn (12:35pm)

Minutes of WTC meeting held at GC2022



Approved minutes



WTC - general information

- ❖ Becoming WTC member
 - Open to all ComSoc members
 - Need to **subscribe** to WTC mailing list (<http://wtc.committees.comsoc.org/>)

- ❖ 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*
 - To join the WTC, click the link (or copy-paste the URL in your browser): <https://comsoc-listserv.ieee.org/cgi-bin/wa?SUBED1=ieeewtc&A=1>
 - 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 Awards

❖ Three Awards

- WTC Recognition Award
- WTC Outstanding Young Researcher Award
- New Service Award (TBC)



WTC Recognition Award

(Nomination deadline est. Oct. 2023)

◆ **BASIS FOR JUDGING**

- A person with a high degree of visibility and contribution in 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 (short) sentence for "**what service or 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 Outstanding Young Researcher Award **(Nomination deadline est. Oct. 2023)**

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 Service Award **(Nomination deadline est. Oct. 2023)**

This award recognizes 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.

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,
- ◆ have demonstrated exemplary service to WTC, its members and to the WTC community at large.



Motion for the WTC Awards Committee 2023 - 2024

- Chair: Zhi Ding, UC Davis, USA
- Rahim Tafazolli, University of Surrey, UK
- Lin Cai, University of Victoria, Canada
- Danijela Cabric, UCLA, USA
- Urbarshi Mitra, University of Southern California, USA
- Rui Zhang, The Chinese University of Hong Kong, Shenzhen, China





WTC Activities

Endorsement of Conferences for ComSoc technical co-sponsorship

- ❖ 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

Nomination for Symposium Co-Chairs of ICC and Globecom

- ❖ Nominations have already been made up to ICC 2025
- ❖ Let us know if you are interested in participating in the future

Endorsement of IEEE Fellowship

- ❖ We did not receive any endorsements in Feb 2023.

Nomination for ComSoc Distinguished Lecturers

- ❖ Deadline of Nomination is September 2023.



Emerging Technologies

Expression of Interest in SIG submission

- ❖ Space, Air, Ground Integrated (SAGI) Communications
- ❖ Intelligent Reflecting Surface Assisted (IRSA) Communications
- ❖ Joint mmWave Radar and Communication
- ❖ Rate Splitting Multiple Access (RSMA)

SIG will be invited to present the technical and organizing progress.

WTC's support on SIG

- ❖ Technically (co-)sponsor Workshop/Symposium
- ❖ Organize special issue in Journals
- ❖ Promote seminars/talks

If anyone is interested in a SIG, please contact me (yue.gao@ieee.org)



New Initiatives

The ComSoc TC Newsletter

If you have any news to share, please contact me (yue.gao@ieee.org) with an email title: “The ComSoc TC Newsletter + year/month”

For this issue, the deadline is 19th June 2023.

2-3 issues per year!



IEEE Communications Society October 2022

IEEE COMSOC TC NEWSLETTER

IEEE ComSoc Technical Committees: Educate, promote and accelerate the technological advancements in communications and networking

IEEE Communications Society Technical Committees

Big Data	Communications
Cognitive Networks	Multimedia Communications
Communication Theory	Network Operations & Management
Communications & Information Security	Optical Networking
Communications Quality and Reliability	Power Line Communications
Communications Software	Radio Communications
Communications Switching & Routing	Satellite & Space Communications
Communications Systems Integration & Modeling	Signal Processing and Computing for Communications
Data Storage	Smart Grid Communications
e-Health	Social Networks
Green Communications & Computing	Tactile Internet
Information Infrastructure & Networking	Transmission, Access, & Optical Systems
Internet	Wireless Communications
Internet of Things, Ad Hoc & Sensor Networks	
Molecular, Biological and Multi-Scale	

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New Initiatives

The 2023 ComSoc TC Innovation Support Project

- ❖ This project aims to offer incentive funds to Technical Committees (TC), Special Interest Group (SIG), and Emerging Technologies Initiatives (ETI) to provide original and revolutionary ideas, concepts, techniques, methods and solutions that may lead to the breakthrough in communications technologies.
- ❖ If you have any interesting idea, please contact me (yue.gao@ieee.org) with an email title: “The 2023 ComSoc TC Innovation Support Project”

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>

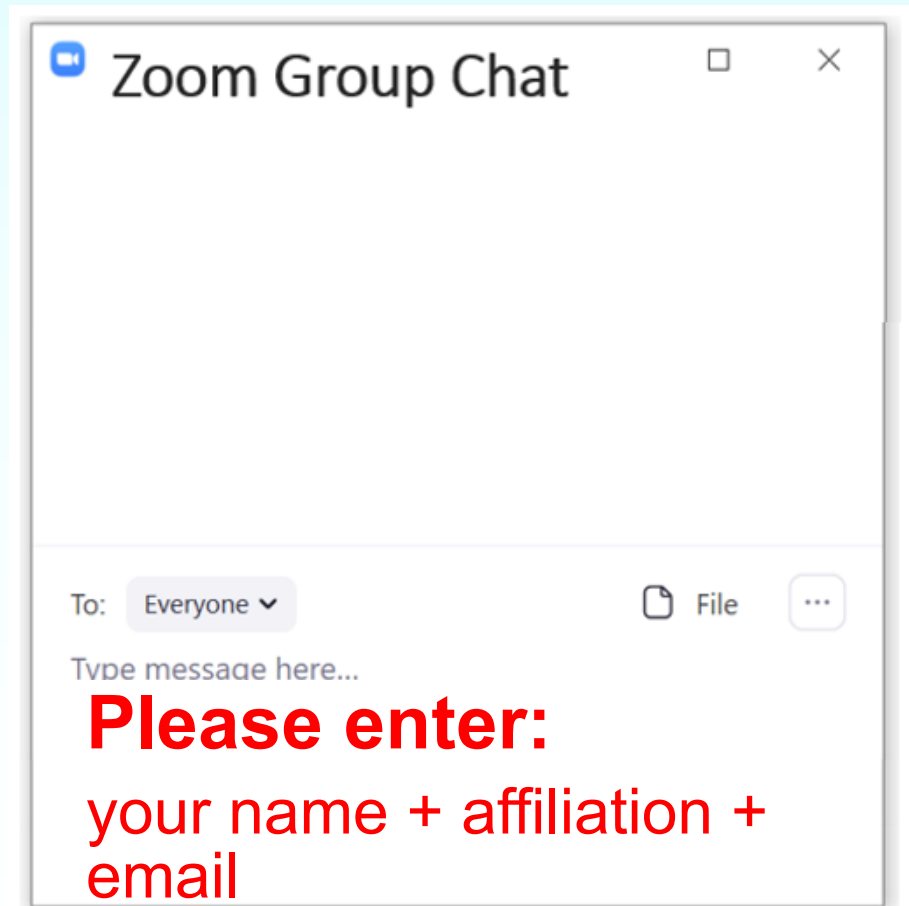
Discussions

Any suggestion?

Last Reminder – sign in

Before you leave the meeting, please check if you have input your information in the Zoom chat box:

your name + affiliation + email



Thank You!

Next WTC meeting will be held at
GC 2023