



IEEE COMMUNICATIONS SOCIETY

Wireless Communications Technical Committee (WTC)

ICC2024

Thursday, 20 June 2024

9:00 US Eastern time (21:00 Beijing Time)

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

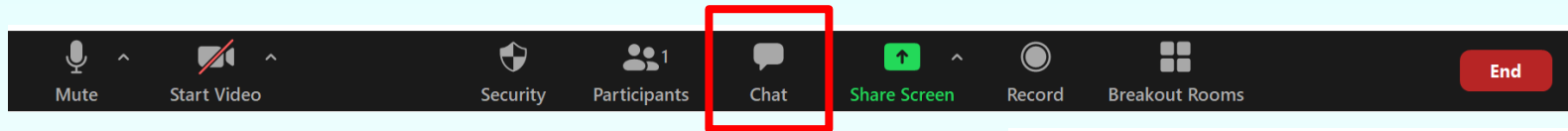


Before the meeting - Gentle Reminder

- ❖ 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/>

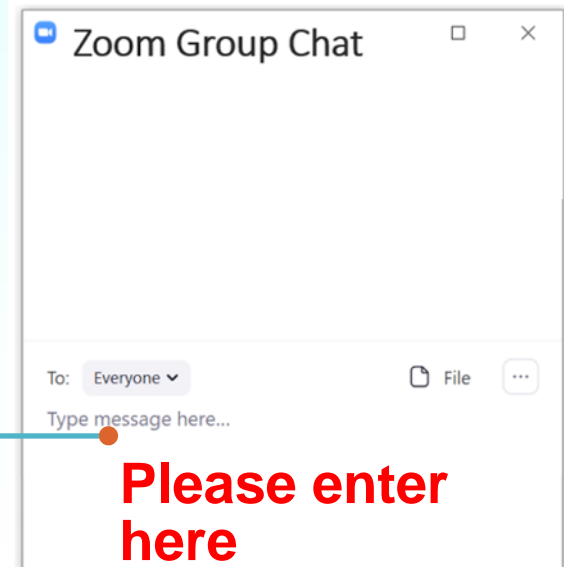
Sign in

- 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



Agenda

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

ICC 2023 Wireless Communications Technical Committee (WTC) on Wednesday 6/12/23 Chaired by the WTC Vice-Chair: Jie Xu on behalf of Yue Gao (absent).←

In Attendance: Jie Xu (WTC Vice-Chair), Adlen Ksentini (WTC Secretary), and WTC members (see the attendance list) ←

Meeting started at 12:00pm Malaysian time, Wednesday, December 6, 2023 ←

1. Welcome and Introduction ←
 - The vice-chair initiated the WTC meeting. ←
2. Approval of the Agenda ←
 - The agenda was presented by the Vice-Chair, moved by Shiwen Mao, and seconded by Cheng Shan-Xiao. There were no objections and no abstentions. The Agenda was unanimously approved.←
3. Approval of ICC 2023 meeting minutes. ←
 - The minutes were presented by the Vice-Chair, moved by Shiwen Mao, and seconded by Wei Zhang. There were no objections and no abstentions. The meeting minutes were unanimously approved.←
4. General introduction of WTC general information and mission statement ←
5. WTC Activities :←
 - Information on the WTC activities is presented, covering: Endorsement of conferences for TWC co-sponsorship, Nomination for Symposium Co-chairs of ICC and Globecom. Endorsement of IEEE Fellowship, and nomination for Comsoc distinguished lecturer. ←
6. Emerging Technologies & SIG←
 - Expression of interest in SIG submission←
 - Information on TWC support on SIG←
7. New initiatives of Comsoc←
 - The Comsoc TC Newsletter←
 - ComSoc YouTube channel←
 - IEEETV←
8. WTC Awards: ←
 - Presentation of the three awards given by WTC: WTC recognition awards, WTC Outstanding Young Researcher Award, and a new Service Award to be announced. Details are given on each award and how to apply. ←
 - During the meeting, the awards were delivered to the winners. ←
 1. WTC Recognition Award: Ross Murch for contribution to multiple Antenna systems for Wireless communications. ←
 2. WTC Technical Recognition Award: Shuguang Cui for contribution to Intelligent And efficient Wireless Systems←
 3. WTC Outstanding Young Researcher Award: HaiBo Zhou for contribution to wireless access and resource management in Vehicular networks and space-air-ground integrated networks. ←
 4. WTC Service Award: Lajos Hanzo for life-long services promoting telecommunications.←
9. A seminar by Ross Murch on multiple antenna systems has been presented. ←
10. Discussion←
11. Adjourn (2:05pm) ←

Minutes of WTC meeting held at GC2023

WTC - General Information

- ❖ Website: <http://wtc.committees.comsoc.org/>
 - About 1,600 members
 - Our members are encouraged to volunteer in professional activities

- ❖ Becoming WTC member
 - Open to all ComSoc members
 - Need to **subscribe** to WTC mailing list (<http://wtc.committees.comsoc.org/>)
 - **Note:** signing attendance sheet does not make you a WTC member

- ❖ 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: ieewtc@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=ieewtc&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

- ❖ 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 cellular 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, **endorse** deserving candidates for the election to IEEE Senior Member and Fellow grade, make contributions to standards in an organized form.

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



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 2026
- ❖ Let us know if you are interested in participating in the future

Endorsement of IEEE Fellowship

Nomination for ComSoc Distinguished Lecturers

- ❖ Deadline of Nomination was September 2024



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)

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 Prof. Yue Gao (yue.gao@ieee.org)

New Initiatives

The ComSoc TC Newsletter

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

2-3 issues per year!

IEEE Communications Society May 2024

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	Molecular, Biological and Multi-Scale 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	
Internet of Things, Ad Hoc & Sensor Networks	

IEEE ComSoc TCN May 2024 1

New Initiatives

The 2024 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 idea, please contact Prof. Yue Gao (yue.gao@ieee.org) with an email title: “The 2024 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>

WTC Awards

❖ Three Awards

- WTC Recognition Award
- WTC Outstanding Young Researcher Award
- New Service Award

WTC Recognition Award

(Nomination deadline est. Sep. 2024)

◆ 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. Sep. 2024)**

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. Sep. 2024)

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.

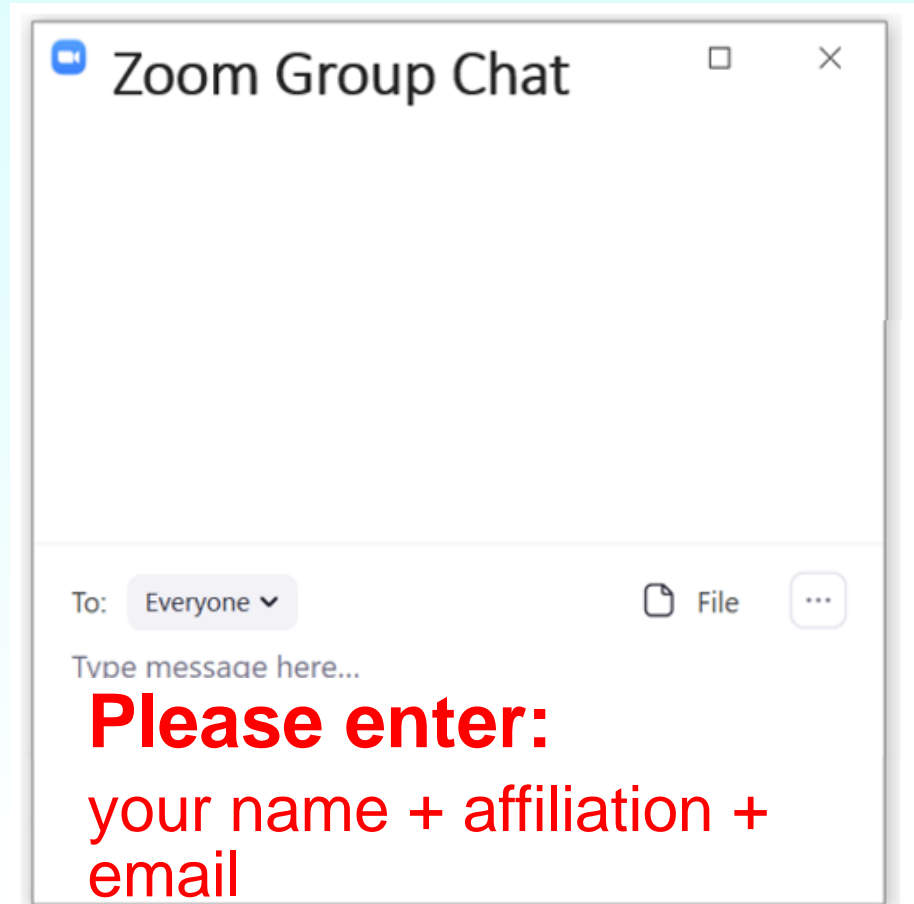
WTC Awards Committee 2023 - 2024

- 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

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 2024**