

IEEE COMMUNICATIONS SOCIETY

Wireless Communications Technical Committee (WTC)

ICC2020, Online Meeting

Friday 3 July

9:00 am-10:30am EDT

Current Officers:

Chair: Wei Zhang, UNSW Australia

Vice Chair: Bechir Hamdaoui, Oregon State Univ., USA

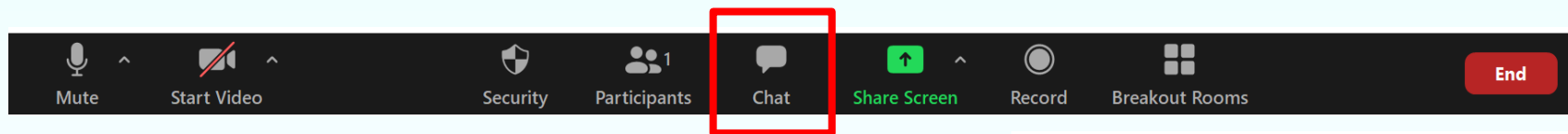
Secretary: Yue Gao, University of Surrey, UK

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/>

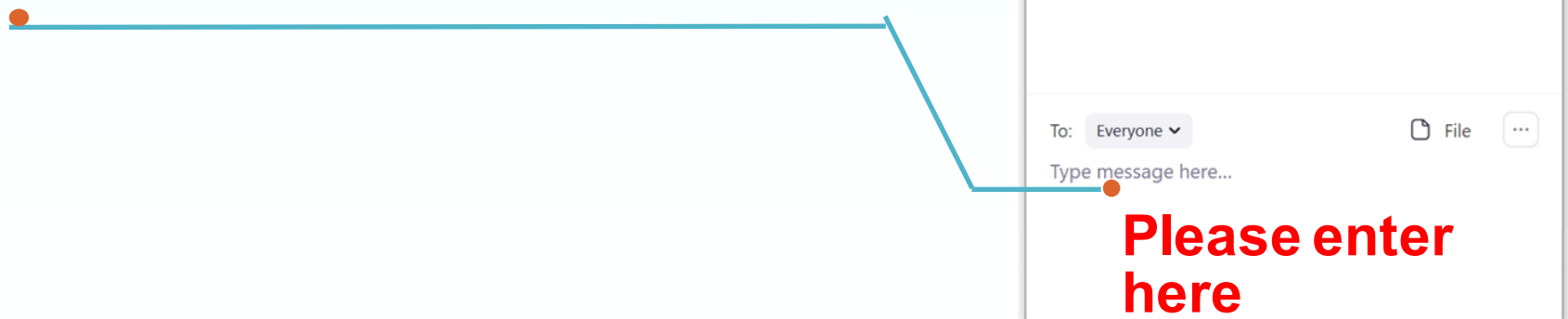
Sign in

- 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 Awards
- ◆ WTC Activities
- ◆ Updates from TEAC & TC Board
 - WTC P&P revisions approved
- ◆ Emerging Technologies & SIG
- ◆ New Initiatives of ComSoc
- ◆ Discussion of WTC support during COVID-19
- ◆ Adjourn

Minutes of WTC meeting held at ICC2020

GC 2019 Wireless Communications Technical Committee (WTC) Wednesday 11/12/19
Chaired by WTC Vice-chair: Bechir Hamdaoui

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

Meeting started at 12:10pm

1. Approval of the Agenda
2. Approval of GC 18 meeting minutes
3. General introduction of WTC information and mission statement
4. WTC Award Committee members of WTC 2019
 - Introduction of WTC Recognition Award
 - Introduction of WTC Outstanding Young Researcher Award
 - WTC 2019 Award ceremony
 - Professor Xuemin (Sherman) Shen for the WTC Recognition Award
 - Professor Jeff Andrews for the the WTC Recognition Award
 - Professor Jie Xu for the WTC Outstanding Young Researcher Award
5. WTC activities:
 - Update of WTC activities and conference endorsement
 - Conference endorsement (ICCC 2019, WCSP 2019, NanoCom)
 - Nominations of symposium co-chairs of ICC and GC
 - So far, nominations are made up to ICC 2021 (5 nominees from WTC)
 - Endorsement of IEEE Fellows
 - 3 endorsement submitted in Feb 2019, and 2 were successful in Nov 2019
 - Nominations for DL: 4 nominations in August 2019, and 1 granted
 - Update of Mailing list and website
6. Updates from TEA-C
 - WTC P&P revisions. The motion was presented by the Vice-chair (Bechir Hamdaoui). A motion was invited to approve the motion. Khaled B. Letaief moved, and Chengshan Xiao seconded. There were no objections, and no abstentions. The motion was unanimously approved.
 - Motions were set There were no objections, and no abstentions. The motions were unanimously approved.
 - TC Newsletter: New ComSoc TC Newsletter is launched. The first issue out: <https://www.comsoc.org/publications/tcn/2019-nov>
7. Adjourn

WTC - general information

- ❖ Website: <http://wtc.committees.comsoc.org/>
 - *About 1,676 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.
 - The number of attendance of last 4 meetings is: **85, 88, 59, 118**, see <https://wtc.committees.comsoc.org/meeting-minutes/>
- ❖ Mailing list: ieewtc@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 (*est. 2019*)

❖ WTC Award Committee (2019-2020)

- Chair: Shuguang Cui (Past Chair of WTC)
- Current WTC Chair (Wei Zhang)
- 2nd Past WTC Chair (Tarik Taleb)
- 3rd Past WTC Chair (Ross Murch)
- A WTC member representing WTC membership (Junshan Zhang)

WTC Recognition Award

WTC Recognition Award

(Nomination deadline Oct. 2020)

◆ 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 Recognition Award – Past Recipients

- ◆ 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 Kong,
- ◆ 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

WTC Outstanding Young Researcher Award **(Nomination deadline Oct. 2020)**

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

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 2022
- ❖ Let us know if you are interested in participating in the future

Endorsement of IEEE Fellowship

- ❖ 3 endorsements were made in Feb 2020.

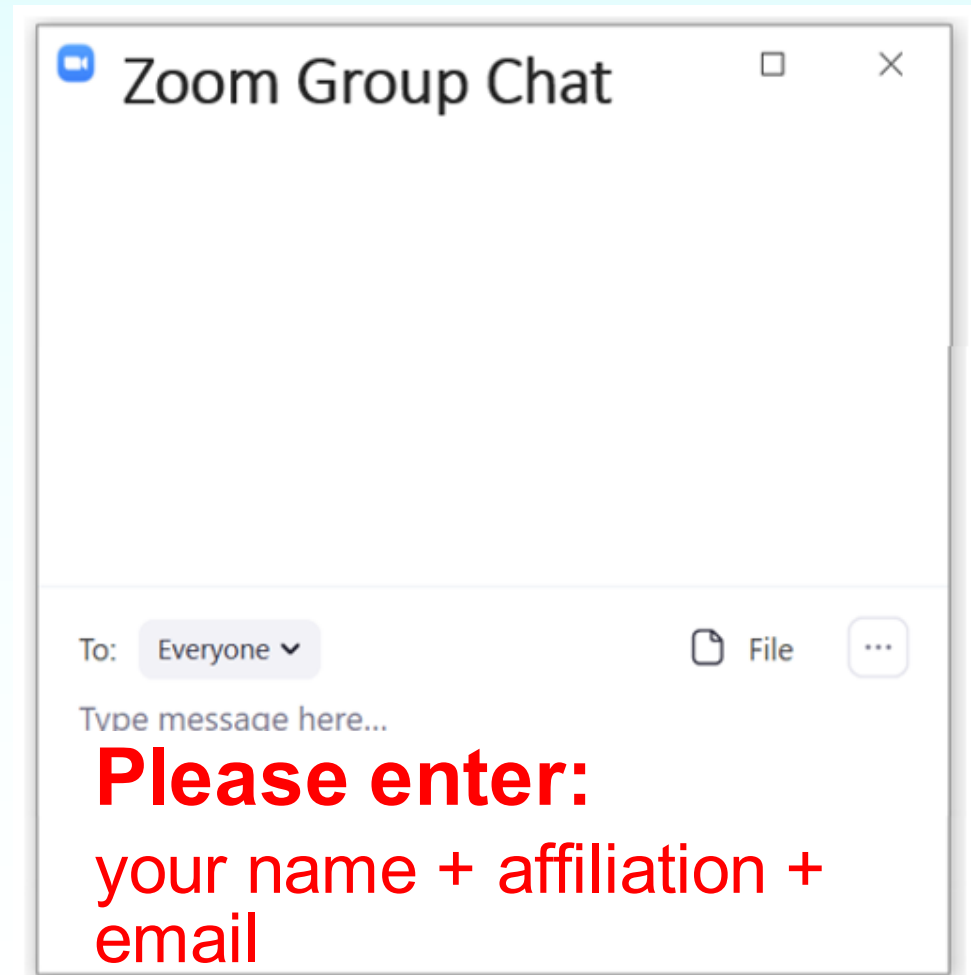
Nomination for ComSoc Distinguished Lecturers

- ❖ Deadline of Nomination is September 2020.

2nd Reminder – sign in

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

your name + affiliation + email



WTC P&P updated

WTC P&Ps revisions (approved in Dec 2019)

- ❖ WTC P&Ps are revised to align with newly revised TC Board P&Ps
- ❖ Main revisions are at:

1) *Section 4 – Post election:*

- Outgoing WTC chair shall report election results to WTC membership, Director-TC Board and VP-TEAC within two weeks.
- Election results become valid when approved by Director-TC Board and VP-TEA
- Director-TC Board or VP-TEA shall notify serving WTC chair within two weeks from receipt of the Election Report.
- If election results are not authorized, Director-TC Board shall organize a new election on behalf of the TC.

2) *Section 7 – Nomination & Election of WTC Awards*

- WTC Chair shall send Awards Selection Report to Director-TC Board for approval.
- Director-TC Board shall approve the Awards Selection Report within two weeks of receipt.
- If report is not approved, WTC Chair shall be contacted to discuss the issues raised.
- A revised report may be submitted to Director for approval.
- If issues are not resolved between Director-TC Board and WTC Chair, VP-TEAC shall bring the matter to the TEA-C for a final decision.

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

If anyone is interested in SIG, please contact WTC Chair.

WTC's support on SIG

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

New Initiatives

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>

Discussion

How can we support the WTC members in the COVID-19?

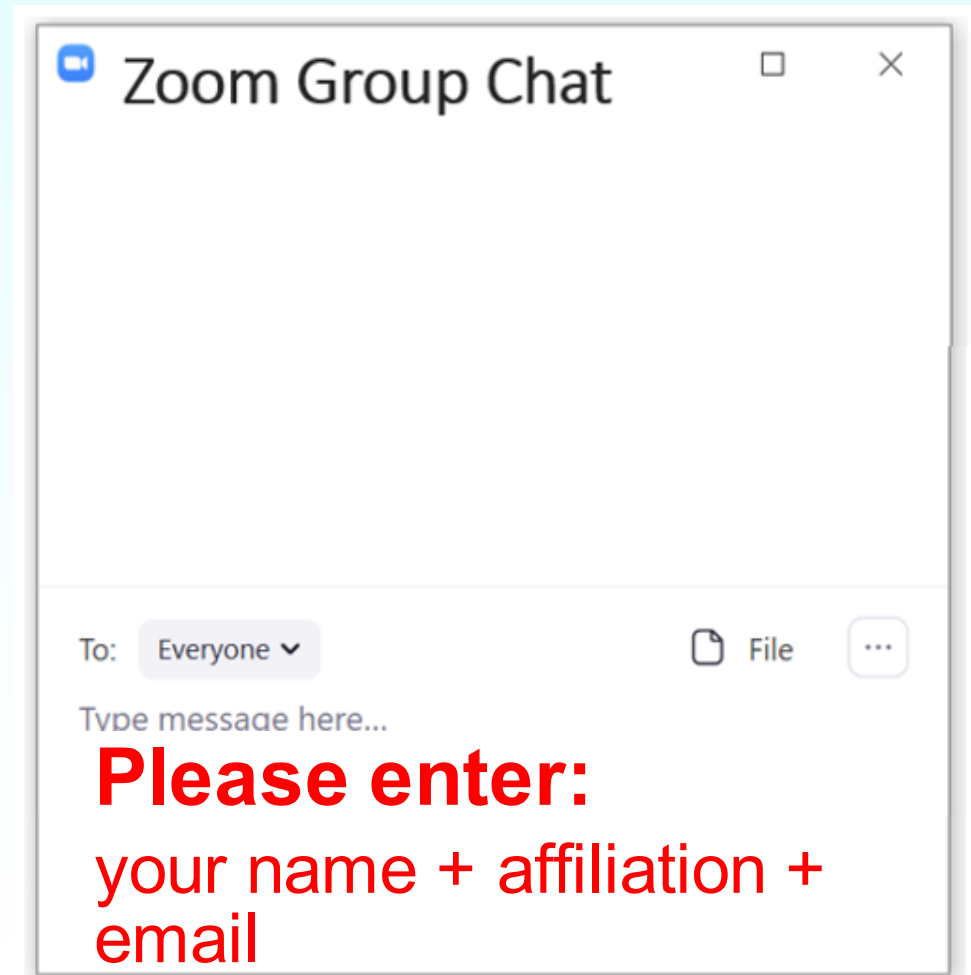
Open WTC Seminar (public talks) ?

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 2020**