

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

ICC 2015

London, UK

Rooms South Gallery 23 - 26, level 2

Wednesday, June 10, 2015

12:30 pm– 2:30pm

## Agenda

- ◆ Welcome and Introduction
- ◆ Approval of the Agenda
- ◆ Approval of the WTC meeting minutes (Globecom 2014)
- ◆ Approval of the Update of WTC Policy & Procedures
- ◆ Introduction to Inaugural Edition of WTC newsletters
- ◆ Updates on WTC ML and Website
- ◆ Conference reports and WTC representatives
- ◆ Updates from TAC
- ◆ WTC Certificates of Appreciation
- ◆ Any other business

## Minutes of WTC meeting held at GC 2014

- ◆ **Committee Members Present: 124 (with names and emails recorded)**
- ◆ Welcome by Prof. Ross Murch (WTC Chair) with an agenda summary.
- ◆ Minutes of the WTC meeting at ICC'13 were unanimously approved by the attendees.
- ◆ Ross reminded the attendees of the mission of the WTC.
- ◆ Ross updated the attendees of the current WTC committee status.
- ◆ Ross talked about WTC activities such as IEEE Fellow endorsement, ComSoc DL nomination, and ICC/GC symposium co-chair nominations.
- ◆ Ross provided guidelines on how a WTC member can become/serve as an ICC/GC individual symposium co-chair.
- ◆ Ross reminded the attendees about the procedure of WTC recognition award selection.
- ◆ Ross presented this year's WTC recognition awards to Prof. Yuguang Fang and Prof. Gerhard P. Fettweis.
- ◆ Ross introduced the WTC officer election procedure, the organization of the election nomination committee, and the way that the votes should be cast.
- ◆ Ross announced the election results for the new WTC officers (2015~2016)
  - Chair: Tarik Taleb
  - Vice Chair: Shuguang (Robert) Cui
  - Secretary: Wei Zhang

## Current Status of WTC

- ◆ WTC is one of the largest TCs in ComSoc with 1552 registered members as of 1 June, 2015
- ◆ WTC has two formal meetings each year at ICC and Globecom
- ◆ **Present Officers** (1 Jan 2015 - 31 December 2016)
  - **Chair:** Prof. Tarik Taleb, Aalto University, Finland
  - **Vice Chair:** Prof. Shuguang Cui, Texas A&M University, USA
  - **Secretary:** Prof. Wei Zhang, Univ. of New South Wales, Australia
- ◆ **Past Chairs (WCTC/TCPC)**
  - Prof. Ross Murch, HKUST, Hong Kong
  - Prof. Sherman Shen, Univ Waterloo, Canada
  - Prof. Mohsen Guizani, Kuwait University, Kuwait
  - Prof. Chengshan Xiao, Missouri U. of Sci. & Tech, USA
  - Prof. Halim Yanikomeroglu, Carleton U, Canada
  - Prof. Khaled Ben Letaief, HKUST, Hong Kong
  - Prof. Zygmunt Haas, Cornell U, USA
  - Prof. Elvino Sousa, U of Toronto, Canada
  - Dr. Justin Chuang, AT&T (now with Broadcom, USA)
  - Prof. Steve Rappaport, SUNY, New York
  - Prof. Henry Bertoni, Polytechnic University, NY, USA

## IEEE ComSoc Wireless Communications Technical Committee

### 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.

## Update of WTC Policy & Procedures

Current version	Proposed changes
<p>The technical committee (TC) has three officers: Chair, Vice Chair, and Secretary.</p>	<p>The technical committee (TC) has three officers: Chair, Vice Chair, and Secretary, <b>each of whom must be an IEEE Communications Society member. Student Members are not permitted to serve as elected TC officers.</b></p>
<p>Nominated persons shall be members of the WTC and shall indicate willingness to serve if elected.</p>	<p>Nominated persons shall be <b>active</b> members of the WTC and shall indicate willingness to serve if elected.</p>
<p>None.</p>	<p><b>A WTC voting member shall be an active member of the WTC, or a past WTC officer, or a 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.</b></p>



## Summary of WTC Membership

### The following are unchanged:

- ◆ **WTC member:** Anybody can be a member of WTC. To become a member it is necessary to subscribe to the WTC mailing list as specified on the WTC web page.
- ◆ **WTC Active Member:** A member becomes an **active** member if he/she has attended (physically present or by teleconference) two or more of the prior five regularly scheduled WTC meetings. The attendance list is available at the WTC website.

### New addition:

- ◆ **WTC Voting Member:** A WTC voting member shall be an *active* member of the WTC, or a past WTC officer, or a 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.

## Our WTC

1. Website: <http://bbcr.uwaterloo.ca/~wtc/>
2. Membership:
  - open to all ComSoc members
  - To become a member it is necessary to subscribe to the WTC mailing list as specified on the WTC web page.
  - Signing on the attendance sheet does not qualify to be a WTC member.
  - A member becomes an active member if he/she has attended two or more of the prior five regularly scheduled WTC meetings.
3. Our members are encouraged to volunteer in professional activities
4. All members may decide to opt out of the mass/bulk emails by logging onto the system and clicking the appropriate box
  - Of our 1552 members around 79 have opted out
5. Emails from the WTC Chair will however be sent to all members
  - To opt out of these you must terminate your membership and this can now also be done through web



## WTC Newsletters

- **Editor**
  - Prof. Bechir Hamdaoui, Oregon State University, USA
  - Email: [hamdaoui@eecs.oregonstate.edu](mailto:hamdaoui@eecs.oregonstate.edu)
- ***Twice a year***
  - *To be issued prior to every ICC and Globecom WTC meeting.*
- ***Inaugural edition***
  - *Sent out to the Mailing List*
  - *Also posted on the WTC website*
- ***All are invited to contribute***
  - *If interested in sending info to the newsletter, please contact Prof. Hamdaoui at [hamdaoui@eecs.oregonstate.edu](mailto:hamdaoui@eecs.oregonstate.edu)*

## WTC ML & Website

- **Website:**
  - **Current:** <http://bbcr.uwaterloo.ca/~wtc/>
  - **Will be moved soon to a comsoc domain**
- **ML:**
  - **Current:** hosted by University of Waterloo;  
[WTC.Mail@bbcr.uwaterloo.ca](mailto:WTC.Mail@bbcr.uwaterloo.ca)
  - **Will be moved to Aalto University:** [wtc-mail@list.aalto.fi](mailto:wtc-mail@list.aalto.fi)

## Update of WTC Activities

### WTC Endorsement of Conferences

1. For ComSoc technical sponsorship, TC endorsement is usually required
2. For WTC to endorse a conference
  - The conference should be relevant to WTC
  - Three WTC members should be involved in the conferences TPC
  - The conference shall enjoy a good reputation among the community
3. WTC has endorsed two conferences so far this year

## Update of WTC Activities

### Nomination for Symposium Co-Chairs of ICC and Globecom

1. Nominations have been already made up to ICC 2017
  - Signal Processing for Communications Symposium
  - Wireless Communications Symposium
  - Mobile and Wireless Networking Symposium
  - Ad-hoc and Sensor Networking Symposium
  - Communication Theory Symposium
  - Cognitive Radio and Networks Symposium
2. If you are interested in co-chairing future conferences please let one of the WTC officers know so we can consider you in future requests

## WTC Other Accomplishment:

### ◆ Endorsement for IEEE Fellow:

- WTC endorsed several active members for IEEE Fellow (3 in 2015).

### ◆ Nomination for ComSoc Distinguished Lecturers:

- Nominations will be called for by email usually by early August, 2015
- In 2014, WTC nominated 4 DL

## Important News from TAC (1): Summer School

### Technical Activity Council Meeting

- Wednesday, 10 June 7:30 – 9:30
- 1<sup>st</sup> ComSoc student summer school in Trento, July 6-9, 2015
- New initiative led by Fabrizio Granelli from University of Trento with active participation by Sergio, Khaled, and Michele
- To attract new members/nurture next generation of leaders
- Over 100 student applications
  - 1<sup>st</sup> 30 students will be able to participate with free lodging and meals
  - Next thirty to attend at their own expense.
- Invited speakers include **Andrea Goldsmith, Nelson Fonseca, Giuseppe Bianchi** and **Antonio Capone**.
- Organizers are working with COMSOC staff to check whether it is possible to record the lectures and to make them available to our members after event.



## News from TAC (2): ETC

- ◆ Three new sub-committee proposals:
  - Backhaul Networking
  - Quantum Comm. and Info. Technology
  - Tactile Internet
- ◆ Encourage the proposal of new areas within out WTC community

## WTC Certificates of Appreciation

- ◆ Prof. Abd-Elhamid M. Taha, Alfaisal University, Saudi Arabia
  - WTC ComSoc Student Competition Representative, July 2013-June 2015
  
- ◆ Dr. Sumei SUN, Institute for Infocomm Research, Singapore
  - WTC Standards Liaison for ComSoc, July 2013-June 2015

## New Appointments

- ◆ Dr. Zouheir Rezki, KAUST University, Saudi Arabia
  - WTC ComSoc Student Competition Representative, July 2015-June 2017
  
- ◆ Dr. Anass Benjebour, NTT DOCOMO, Japan
  - WTC Standards Liaison for ComSoc, July 2015-June 2017

## Open Discussion

### WTC Meetings

1. Many WTC members attend the WTC meetings.
2. It is a good chance to have some open discussions
3. Reminder: ComSoc Elections – Please make your voice heard!
4. Better reach-out:  
**LinkedIn** account?
5. Better usage of WTC meeting time?  
Inviting a prominent speaker(s) to give a short talk(s) on a WTC-relevant topic

**Any other Business?**

# Thank You!

Next WTC meeting will be held at  
Globecom 2015 in San Diego, USA  
6 – 10 December, 2015