

# IEEE COMMUNICATIONS SOCIETY

## Wireless Communications Technical Committee (WTC)

GC 2017, Singapore

Wed., 12/06/2017

12:30 pm– 2:00pm

### *Current Officers:*

Chair: Shuguang (Robert) Cui, UC Davis

Vice Chair: Wei Zhang, UNSW

Secretary: Bechir Hamdaoui, Oregon State Univ.

## Agenda

- ◆ Approval of the Agenda
- ◆ Approval of last WTC Meeting Minute
- ◆ About WTC
- ◆ WTC Recognition Award
- ◆ Updates on WTC Activities
- ◆ Updates on WTC ML and Website
- ◆ Updates from TEAC
- ◆ Any other Business?
- ◆ Adjourn

## Minutes of WTC meeting held at ICC 2017

- ◆ Tuesday 5/23/17
- ◆ Chaired by WTC Vice-Chair: Wei Zhang  
Attendees: WTC secretary (Bechir Hamdaoui) and other WTC members (see attendance list)
- ◆ Meeting started: 12:30pm
- ◆ Agenda approved
- ◆ GC 2016 Minutes approved
- ◆ Updates on WTC Activities
- ◆ Updates on WTC ML and Website
- ◆ Updates from TEAC
- ◆ New WTC Representatives
- ◆ Call for nomination for WTC Recognition Award
- ◆ Updates on WTC Newsletters
- ◆ Total number of people signed up: 103 Meeting finished: 2pm



## Our WTC

1. Website: <http://wtc.committees.comsoc.org/>
2. *About 1522 members (as of Dec. 6 of 2017)*
3. 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.
4. Our members are encouraged to volunteer in professional activities
5. All members may decide to opt out of the mass/bulk emails by logging onto the system and clicking the appropriate box
6. 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

## 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.

# WTC Recognition Award

## ◆ 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

- Nomination is solicited from the WTC members annually. The nomination should include a (short) sentence for "what service or accomplishment" the person is nominated for and a one page supporting material. Additionally, 2 letters supporting the nomination may be sent to the WTC Award Committee Chair.

**2017 closing date for nominations: September 30, 2017**

## 2017 WTC Recognition Award Committee

- Chair: Tarik Taleb (Past Chair of WTC)
  - Current WTC Chair (Shuguang Cui)
  - 2<sup>nd</sup> Past WTC Chair (Ross Murch)
  - 3<sup>rd</sup> Past WTC Chair (Sherman Shen)
  - A WTC member representing the WTC membership (Junshan Zhang)



## WTC Recognition Award – Past Recipients

- ◆ 2016 Prof. Junshan Zhang, ASU, USA;
- ◆ 2016 Prof. Mohamed-Slim Alouini, KAUST, Saudi Arabia
- ◆ 2015 Prof. Romano P. Fantacci, Florence University, Italy
- ◆ 2015 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., Taiwan and Prof. Khaled B. Letaief, HKUST, Hong Kong, China
- ◆ 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, University of Texas at 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

## 2017 Recipients of WTC Recognition Award (1): Robert Schober

**Robert Schober** received the Dr.-Ing. degree from Friedrich-Alexander-University of Erlangen-Nuremberg (FAU), Germany, in 2001. From 2001 to 2002, he was a postdoctoral fellow at the University of Toronto, Canada. From 2002 to 2016, he was a Professor at the University of British Columbia (UBC), Canada. From 2002 to 2012, he was a Canada Research Chair in Wireless Communications, and from 2009-2011, he served as the Associate Department Head for Research and International Outreach at the same institution. Since January 2012, he is an Alexander von Humboldt Professor and Chair for Digital Communication at FAU.

Robert's research interests fall into the broad areas of Communication Theory, Wireless Communications, and Statistical Signal Processing. He has received several awards for his research including a 2002 Heinz Maier-Leibnitz Award of the German Science Foundation (DFG), the 2004 Innovation Award of the Vodafone Foundation for Research in Mobile Communications, a 2006 UBC Killam Research Prize, a 2007 Wilhelm Friedrich Bessel Research Award of the Alexander von Humboldt Foundation, the 2008 Charles McDowell Award for Excellence in Research from UBC, and a 2011 Steacie Fellowship from the National Science and Engineering Council of Canada (NSERC). He is a Fellow of the IEEE, the Canadian Academy of Engineering (CAE), and the Engineering Institute of Canada (EIC).

From 2012 to 2015, he was the Editor-in-Chief of the IEEE Transactions on Communications. Currently, he serves as Member-at-Large on the Board of Governors of the IEEE Communication Society, as Chair of the Steering Committee of the new journal IEEE Transactions on Molecular, Biological, and Multi-Scale Communications, and on the Editorial Board of the Proceedings of the IEEE. He is also a Distinguished Lecturer of the IEEE Communication Society.



## 2017 Recipients of WTC Recognition Award (2): Mohsen Guizani

**Mohsen Guizani** (S'85–M'89–SM'99–F'09) received the B.S. (with distinction) and M.S. degrees in electrical engineering, the M.S. and Ph.D. degrees in computer engineering from Syracuse University, Syracuse, NY, USA, in 1984, 1986, 1987, and 1990, respectively. He is currently a Professor and the ECE Department Chair at the University of Idaho, USA. Previously, he served as the Associate Vice President of Graduate Studies, Qatar University, Chair of the Computer Science Department, Western Michigan University, and Chair of the Computer Science Department, University of West Florida. He also served in academic positions at the University of Missouri-Kansas City, University of Colorado-Boulder, Syracuse University, and Kuwait University. His research interests include wireless communications and mobile computing, computer networks, mobile cloud computing, security, and smart grid. He currently serves on the editorial boards of several international technical journals and the Founder and the Editor-in-Chief of *Wireless Communications and Mobile Computing* journal (Wiley). He is the author of nine books and more than 500 publications in refereed journals and conferences. He guest edited a number of special issues in IEEE journals and magazines. He also served as a member, Chair, and General Chair of a number of international conferences. He received the teaching award multiple times from different institutions as well as the best Research Award from three institutions. He was the Chair of the IEEE Communications Society Wireless Technical Committee and the Chair of the TAOS Technical Committee. He served as the IEEE Computer Society Distinguished Speaker from 2003 to 2005. He is a Fellow of IEEE and a Senior Member of ACM.



## 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
  - At least three WTC members should be involved in the conferences TPC
  - The conference shall enjoy a good reputation among the community
3. WTC has endorsed ten conferences



## Endorsed Events in 2017

- ◆ International Conference on Information Technology Convergence 2017 (ICTC 2017)
- ◆ International Conference on Wireless Communications and Signal Processing (WCSP 2017)
- ◆ CLEEN2017 workshop on “Cloud Technologies and Energy Efficiency in Mobile Communication Networks”
- ◆ International Conference on Telecommunications (ICT 2017)
- ◆ International Conference on COMmunication Systems & NETworkS (COMSNETS 2017)
- ◆ International Conference on Military Communications and Information Systems (ICMCIS2017)
- ◆ International Symposium on Wireless Communication Systems (ISWCS 2017)
- ◆ IEEE Conference on Microwaves, Communications, Antennas, Electronic Systems and Bio-Medical Engineering (COMCAS 2017)
- ◆ The 23<sup>rd</sup> Asia Pacific Conference on Communications (APCC 2017)



## Update of WTC Activities

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

Nominations have already been made up to Globecom 2019

- Five nominations were made from WTC
- Rules changed from previous ICC/GC

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 (five in 2017, two successful).

### ◆ Nomination for ComSoc Distinguished Lecturers:

- 56 total nominations, 16 successful
- WTC: Four nominations, two successful
  - Yingjun (Angela) Zhang (CUHK)
  - Aylin Yener (PSU)

## WTC ML & Website

- **Website:**
  - <http://wtc.committees.comsoc.org/>
  
- ***Mailing List:***
  - *Size: 1522 subscribers.*
  - *ieeewtc@comsoc.org*
  - *To subscribe:*
    - <http://wtc.committees.comsoc.org/mailling-list/>



## Important News from TEAC

- ◆ **ComSoc Summer School** <http://www.comsoc.org/summer-school>
- ◆ The IEEE ComSoc summer school is designed for young professionals, Ph.D. students, or recent graduates studying communications and related areas. It consists of lectures by international experts and includes poster presentations by participating Ph.D. students. The program covers fundamental, advanced and hot topics in communications.
  
- ◆ **TC Specific Awards**
  - Technical Recognition Award (**WTC**, SPCE, RC, TCCN)
  - Technical Achievement Award (CTTC)
  - Publication Award (TCCN, MMC)
  - Early Achievement Award (CTTC)
  - Outstanding Service Award (CTTC, SPCE, RC, MMC)
  - Distinguished Service Award (SSC)
  - Best Editor Awards (MMC)
  - Excellent Editor Awards (MMC)
- ◆ Common policy and process for setting up such as award is discussed by the ComSoc Award Committee.

## WTC Representatives

- ◆ Standards Liaison (two-year term)
  - Representative: Kome Oteri, InterDigital, USA
  
- ◆ Student Competition (two-year term)
  - Representative: Prof. Chuan Huang, University of Electronic Science and Technology, China

Any other Business?

# Thank You!

Next WTC meeting will be held at GC  
2017 in Singapore