



# IEEE COMMUNICATIONS SOCIETY

## Wireless Communications Technical Committee (WTC)

Globecom 2014

Austin, USA

Restaurant, 18th Floor, Hilton Garden Inn

Wednesday, December 10, 2014

12:00 pm– 2:00pm

## Agenda

- ◆ 1. Welcome and Introduction
- ◆ 2. Approval of the Agenda
- ◆ 3. Approval of the WTC meeting minutes (ICC 2014)
- ◆ 4. Update of WTC activities
- ◆ 5. Presentation of WTC Recognition Award
- ◆ 6. WTC Election
- ◆ 7. Next WTC Meeting
- ◆ 8. Any other business

## Minutes of WTC meeting held at ICC 2014

### ◆ **Committee Members Present: 63 (with names and emails recorded)**

- ◆ Welcome by Prof. Ross Murch (WTC Chair) with an agenda summary.
- ◆ Minutes of the WTC meeting at GC13 were unanimously approved by the attendees.
- ◆ Ross reminded the attendees of the mission of the WTC.
- ◆ Ross updated the attendees of the ComSoc student competition activities.
- ◆ Ross introduced the attendees about the WTC standards liaison for ComSoc.
- ◆ Ross reminded the attendees of the policy regarding WTC sponsorship of conferences.
- ◆ Ross provided guidelines on how a WTC member can become/serve as an ICC/GC individual symposium co-chair, and briefed the attendees about the ICC 2016 symposium co-chair recommendation result, and discussed about future nominations.
- ◆ Ross reminded the attendees about the procedure of WTC recognition award selection.
- ◆ Ross talked about other WTC accomplishments such as IEEE Fellow endorsement and ComSoc DL nomination.
- ◆ Ross introduced the plan for WTC new website and email list.
- ◆ Ross announced that the election for the officers of WTC will be held at the next WTC meeting at Globecom 2014
- ◆ Ross summarized the current status of WTC
- ◆ Ross opened the floor for discussion about how WTC should play for a greater role.

## 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 activities- Current Status of WTC

- ◆ WTC is one of the largest TCs in ComSoc with 1429 registered members as of 4 December, 2014
- ◆ WTC has two formal meetings each year at ICC and Globecom
- ◆ **Present Officers** (1 Jan 2013 - 31 December 2014)
  - **Chair:** Prof. Ross Murch, HKUST, Hong Kong
  - **Vice Chair:** Dr. Tarik Taleb, NEC Labs – Europe, Germany
  - **Secretary:** Prof. Shuguang Cui, Texas A&M University, USA
- ◆ **Past Chairs (WCTC/TCPC)**
  - 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

## Update of WTC Activities

- ◆ **Nomination for ComSoc Distinguished Lecturers:**
  - Nominations called for by email on 15 August, 2014
  - WTC officers nominated 4 DL (received 7 nominations)
  
- ◆ **Endorsement for IEEE Fellow:**
  - WTC endorsed several active members for IEEE Fellow in 2014.

## Update of WTC Activities

- ◆ Recommendation for Symposium Co-Chairs of Globecom 2016
  - WTC officers nominated 6 people to act as symposium co-chairs of Globecom 2016 for the symposiums SPC-Signal Processing for Communications Symposium, WC-Wireless Communications Symposium, WN-Mobile and Wireless Networking Symposium, AHSN-Ad-hoc and Sensor Networking Symposium, CT-Communication Theory Symposium, CogRN Cognitive Radio and Networks Symposium
  - Globecom organizes then decide and finalizes the list at a later ICC or Globecom
  - If you are interested in co-chairing future conferences please let one of us know so we can consider in future requests



## WTC Recognition Award

- ◆ **Prize:** A recognition plaque.
- ◆ **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. No more than two awards will be given per year.
- ◆ **Nomination:** Nominations are solicited from WTC members **in Fall each year**. The nomination should include a (short) sentence for "what service or accomplishment" the person is nominated for and a one page supporting material. Additionally, letters supporting the nomination may be sent to the WTC Award Committee Chair (together with the nomination or separately). Award Committee members may not be nominated.
- ◆ **WTC Recognition Award Committee:** The Award committee will have 5 members as follows:
  - Chair: Past WTC Chair
  - Members:
    1. Current WTC Chair
    2. 2<sup>nd</sup> Past WTC/TCPC Chair
    3. 3<sup>rd</sup> Past WCC/TCPC Chair
    4. WTC Member (appointed by the WTC Chair for one year; renewable for a maximum of one year)



## WTC Recognition Award

### ◆ Previous Award Winners

- 2013 Prof. Geoffrey LI, Georgia Institute of Technology, USA
- 2012 Prof. Zhi Ding, UC Davis, USA  
Prof. Zygmunt J. Haas, Cornell University, USA
- 2011 Prof. Kwang-Cheng Chen., National Taiwan Univ., Taiwan  
Prof. Khaled B. Letaief, HKUST, Hong Kong, China
- 2010 Prof. Leonard J. Cimini Jr., University of Delaware, USA  
Prof. H. Vincent Poor, Princeton University, USA
- 2009: Prof. Jerry Gibson, University of California, Santa Barbara, USA  
Prof. Andrea Goldsmith, Stanford University, USA
- 2008: Prof. David Falconer, University of Carleton, Canada  
Prof. Ted Rappaport, University of Texas at Austin, USA
- 2007: Prof. Lajos Hanzo, University of Southampton, UK  
Prof. Gordon Stuber, Georgia Institute of Technology, USA
- 2006: Prof. Vijay Bhargava, University of British Columbia, Vancouver, Canada  
Prof. Robert De Marca, CETUC, Pontifical Catholic Univ., Rio de Janeiro, BRAZIL
- 2005: Prof. Hamid Aghvami, King's College, London, UK  
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, University of Toronto, Canada  
Prof. Imrich Chlamtac, University of Texas at Dallas, USA

## WTC Recognition Award

### 2014 WTC Recognition Award Committee:

Chair: Sherman Shen – Past WTC Chair

Members:

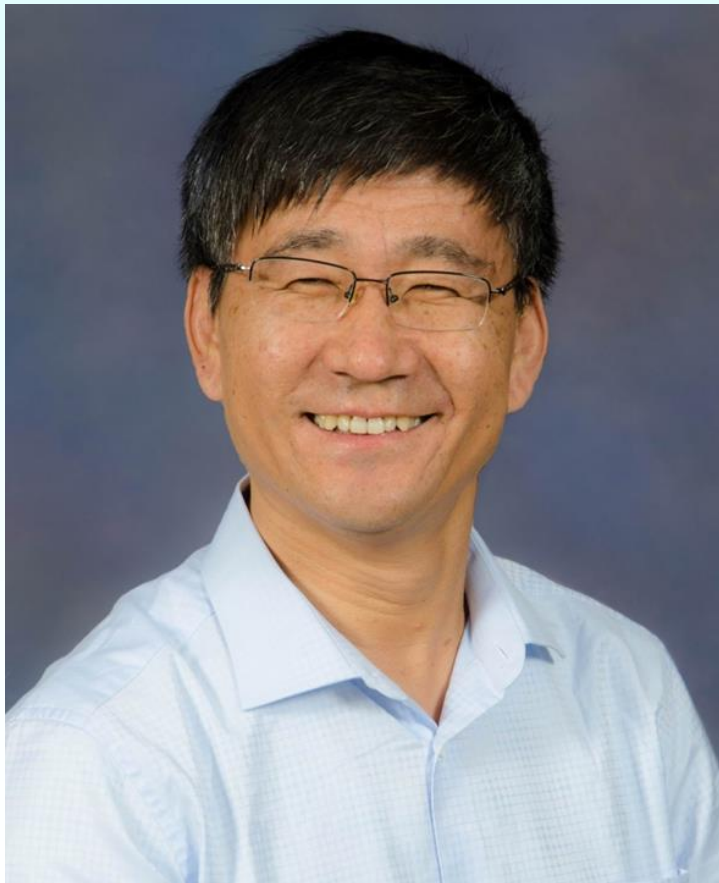
1. Ross Murch– Current WTC Chair
2. Mohsen Guizani – 2<sup>nd</sup> Past WTC Chair
3. Chengshan Xiao – 3<sup>rd</sup> Past WTC Chair
4. Jeffrey G. Andrews– WTC Member (appointed by the WTC Chair for one year)

**2014 closing date for nominations: October 5, 2014**

5 nominations received

**2014 WTC Recognition Award Winners**

**Prof Yuguang “Michael” Fang**  
University of Florida, USA



**Prof. Gerhard P. Fettweis**  
Technische Universität Dresden , Germany





**The IEEE Wireless Communications Technical Committee (WTC)  
is proud to present the 2014 WTC Recognition Award to**

**Professor Yuguang “Michael” Fang**

**for his outstanding technical contributions in the field and  
for his service to the scientific and engineering communities**

**Ross Murch  
IEEE WTC Chair  
December 2014**

**Sherman Shen  
WTC Award Committee Chair  
December 2014**



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## Brief Biography

- ◆ Dr. Yuguang "Michael" Fang (F'08) received his BS/MS from Qufu Normal University, China, two Ph.D degrees from Case Western Reserve University and Boston University, respectively. He joined New Jersey Institute of Technology as an assistant professor in 1998. He then moved to University of Florida in 2000 as an assistant professor, got an early promotion to an associate professor with tenure in August 2003 and to a full professor in August 2005. He held a University of Florida Research Foundation (UFRF) Professorship from 2006 to 2009, a Changjiang Scholar Chair Professorship with Xidian University, China, from 2008 to 2011, and a Guest Chair Professorship with Tsinghua University from 2009 to 2012. He received NSF CAREER Award, ONR Young Investigator Award, the Best Paper Award at IEEE Globecom (2011, 2002) and ICNP (2006), a 2010-2011 University of Florida Doctoral Dissertation Advisor/Mentoring Award, and 2009 UF College of Engineering Faculty Mentoring Award.



## Brief Biography

- ◆ Dr. Fang has provided tremendous services to his community. He has been serving as the Editor-in-Chief of IEEE Transactions on Vehicular Technology since April 2013. He served as the Editor-in-Chief for IEEE Wireless Communications (2009-2012) and serves/served on several editorial boards of technical journals including IEEE Transactions on Mobile Computing (2003-2008, 2011-present), IEEE Network (2012-present), IEEE Transactions on Communications (2000-2011), IEEE Transactions on Wireless Communications (2002-2009), IEEE Journal on Selected Areas in Communications (1999-2001), IEEE Wireless Communications Magazine (2003-2009) and ACM Wireless Networks (2001-present). He served on the Steering Committee for IEEE Transactions on Mobile Computing (2008-2010). He has also been actively participating in professional conference organizations such as serving as the Technical Program Co-Chair for IEEE INFOCOM'2014, the Steering Committee Co-Chair for QShine (2004-2008), the Technical Program Vice-Chair for IEEE INFOCOM'2005, the Technical Program Area Chair for IEEE INFOCOM (2009-2015), Technical Program Symposium Co-Chair for IEEE Globecom'2004, and a member of Technical Program Committee for IEEE INFOCOM (1998, 2000, 2003-2008). He is a fellow of the IEEE.



## Brief Biography

**Gerhard Fettweis** earned his Ph.D. under H. Meyr's supervision from RWTH Aachen in 1990. After one year at IBM Research in San Jose, CA, he moved to TCSI Inc., Berkeley, CA. Since 1994 he is Vodafone Chair Professor at TU Dresden, Germany, with 20 companies from Asia/Europe/US sponsoring his research on wireless transmission and chip design. He coordinates 2 DFG centers at TU Dresden, namely **cfaed** and HAEC, as well as the “5G Lab Germany” and the TwinLab between Masdar Institute (Abu Dhabi) and TU Dresden.

Gerhard is IEEE Fellow, member of the German National Academy of Science and Engineering (acatech), and his most recent award is the Stuart Meyer Memorial Award from IEEE VTS. In Dresden he has spun-out eleven start-ups, and setup funded projects in volume of close to EUR 1/2 billion. He has helped organizing IEEE conferences, most notably as TPC Chair of ICC 2009 and of TTM 2012, and as General Chair of VTC Spring 2013 and DATE 2014.

## WTC Election

- ◆ The first announcement on 2014 WTC Elections was made during the last WTC meeting held in ICC 2014.
- ◆ Call for Nominations was sent out on November 5, 2014
- ◆ The deadline for the Nomination was November 20, 2014.
- ◆ To be eligible to vote at the election you must attend the WTC meeting at Globecom 2014 and have been a member of WTC by the cutoff date of Thursday 20th November, 2014, 6pm New York time

## WTC Election

### WTC Nominations Committee Members:

- ◆ Ross Murch, Exiting WTC Chair
- ◆ Sherman Shen, Past WTC Chair
- ◆ Mohsen Guizani, 2nd Past TCPC Chair
- ◆ Chengshan Xiao, 3rd Past TCPC Chair
- ◆ Jeff Andrews, WTC representing member

## WTC Election

- ◆ To collect a voting ballot please exchange your membership token for one
- ◆ If you do not have a membership token please ask one of the election helpers to check your membership so you can have a membership token
- ◆ Please then exchange this for the voting ballot

## Election Ballot

### ◆ Chair

- Min Song
- Tarik Taleb

### ◆ Vice-Chair

- Shuguang Cui

### ◆ Secretary

- Wenye Wang
- Wei Zhang

# Next Meeting

ICC 2015 in London, UK  
8-12 June, 2015

Any other Business?



# Thank You!

Next WTC meeting will be held at  
ICC 2015 in London  
8-12 June, 2015