

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

IEEE GC'2012

Anaheim, California, USA

Sleeping Beauty Pavilion/Disneyland Hotel

Wednesday, December 5, 2012

12:30 pm– 2:00pm

## Agenda

- ◆ 1. Welcome
- ◆ 2. Minutes of the WTC meeting held at ICC'12
- ◆ 3. Conference reports
- ◆ 4. WTC Recognition award presentation
- ◆ 5. WTC Election
- ◆ 6. WCET (Wireless Certification) Presentation by Wireless Certification AdHoc Committee Chair Rulei Ting
- ◆ 7. Other business
- ◆ 8. Adjourn

## Minutes of WTC meeting held at ICC'12

### ◆ **Committee Members Present: 123 (with names and emails recorded)**

- ◆ 1. Welcome by Sherman Shen (WTC Chair) and summary of the agenda of the meeting.
- ◆ 2. Minutes of the WTC meeting at GC'11 were unanimously approved by the attendees.
- ◆ 3. Sherman reminded the attendees of the mission of the WTC.
- ◆ 4. Sherman also reviewed the current officers and the impact of WTC on conferences and journals.
- ◆ 5. Sherman also reminded that WTC nominates IEEE/ComSoc award, endorsement of Fellow and Senior members, and the nomination for distinguished lectures
- ◆ 6. Sherman announced that Call for Nominations for the WTC recognition award will be sent out in September 2012.
- ◆ Sherman announced that elections for the new officers will be held at Globecom 2012 and that Call for Nominations will be sent out in November 2012.
- ◆ Sherman announced that the next WTC meeting will be held at GC 2012 in Anaheim, California. He then thanked everyone for their support.

## 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.

## Current Status of WTC

- ◆ WTC is one of the largest, most established, and most active TCs in ComSoc with ~900 members
- ◆ WTC has two formal meetings each year at ICC and Globecom
- ◆ **Present Officers** (1 Jan 2011 - 31 December 2012)
  - **Chair:** Prof. Sherman Shen, Univ. of Waterloo, Canada
  - **Vice Chair:** Prof. Ross Murch, Hong Kong Univ. of Scie. & Tech., Hong Kong
  - **Secretary:** Dr. Tarik Taleb, NEC Labs – Europe, Germany
- ◆ **Past Chairs (WTC/TCPC)**
  - 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



## Conference Reports

### WTC-sponsored GC/ICC symposia

1. *Adhoc and Sensor Networking Symposium*
2. *Cognitive Radio and Networks Symposium*
3. *Communication Theory Symposium*
4. *Signal Processing for Communications Symposium*
5. *Wireless Communications Symposium*
6. *Wireless Networking Symposium*

Endorsed by WTC → sponsored by ComSoc

- ◆ WCSP 2012
- ◆ WTS 2012
- ◆ WiMob'12
- ◆ WICOM'12
- ◆ ICCCN'12
- ◆ Etc.

## Future ICCs and GCs

- ◆ ICC 2013 - Budapest, Hungary
- ◆ Globecom 2013 - Atlanta, GA, USA
- ◆ ICC 2014 - Sydney, Australia
- ◆ Globecom - 2014 – Austin, Texas, USA



## Major ComSoc Wireless Events

- ◆ **WCNC 2013** (Shanghai, China, April 7 - 10, 2013)
- ◆ **ICCC 2013** (Xi'an, China, August 12 - 14, 2013)
- ◆ **PIMRC 2013** (London, UK, 8 - 11, Sept. 2013)

## WTC Other Accomplishment:

### ◆ Nomination for IEEE/ComSoc Award:

- WTC nominated one distinguished member for ComSoc Publication Award.

### ◆ Endorsement for IEEE Fellow and Senior Member:

- WTC endorsed several active members for IEEE Fellow in 2012.
- WTC endorsed several active members for IEEE Senior member grade in 2012.

### ◆ Nomination for ComSoc Distinguished Lecturers:

- WTC also nominated three active members to serve as DL.

## 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

- 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  
Prof. H. Vincent Poor, Princeton University
- 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

### 2012 WTC Recognition Award Committee:

Chair: Mohsen Guizani – Past WTC Chair

Members:

1. Sherman Shen – Current WTC Chair
2. Chengshan Xiao – 2<sup>nd</sup> Past TCPC Chair
3. Halim Yanikomeroglu– 3rd Past TCPC Chair
4. Lajos Hanzo– WTC Member (appointed by the WTC Chair for one year)

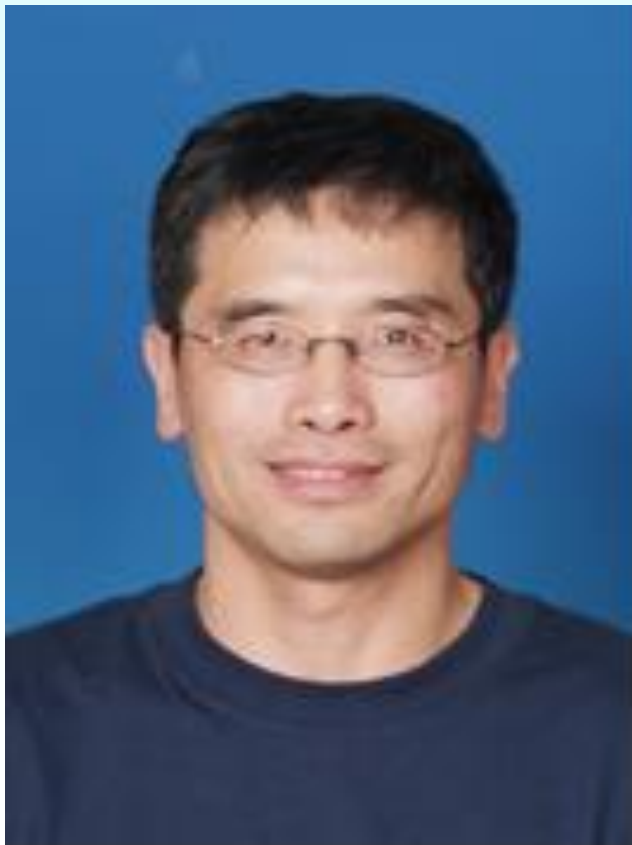
**2012 closing date for nominations: September 30, 2012**

A high number of nominations received

**2012 WTC Recognition Award Winners**

**Prof. Zhi Ding**

University of California, Davis



**Prof. Zygmunt J. Haas**

Cornell University, Ithaca, NY





**The IEEE Wireless Communications Technical Committee (WTC)  
is proud to present the 2012 WTC Recognition Award to**

**Professor Zhi Ding**

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

**Sherman Shen  
IEEE WTC Chair  
December 2011**

**Mohsen Guizani  
WTC Award Committee Chair  
December 2011**



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December 2012**

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WTC Award Committee Chair  
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## WTC Election

- ◆ The current WTC officers are:

**Xuemin (Shermen) Shen**, Chair (Jan. 2011-Dec. 2012)

**Ross Murch**, Vice Chair (Jan. 2011-Dec. 2012)

**Tarik Taleb**, Secretary (Jan. 2011-Dec. 2012)

- ◆ The first announcement on 2012 WTC Elections was made during the last WTC meeting held in ICC 2012. Call for Nominations was sent out on November 11, 2012, and the deadline for the Nomination was November 22, 2012.

## WTC Election

### WTC Nominations Committee Members:

- ◆ Sherman Shen, Exiting WTC Chair
- ◆ Mohsen Guizani, Past WTC Chair
- ◆ Chengshan Xiao, 2nd Past TCPC Chair
- ◆ Halim Yanikomeroglu, 3rd Past TCPC Chair
- ◆ Lajos Hanzo, WTC representing member

### The next WTC officers (Jan. 1, 2013 – Dec. 31, 2014)

- ◆ Candidate for the Chair - Dr. Ross Murch
- ◆ Candidate for the Vice Chair - Dr. Tarik Taleb
- ◆ Candidate for the Secretary - Dr. Shuguang Cui  
- Dr. Matthew Valenti

## WCET (Wireless Certification) Presentation

Wireless Certification AdHoc Committee Chair  
Rulei Ting

## Our WTC

- ◆ Website: <http://bbcr.uwaterloo.ca/~wtc/>  
([Officers & Structure](#), [Policies and Procedures](#), [Conferences](#), [WTC Membership](#), [WTC Mailing List](#), [WTC Recognition Awards](#), [WTC Meetings](#) )
- ◆ Membership: open to all ComSoc members
- ◆ Our members are encouraged to volunteer in professional activities
- ◆ **Utilize WTC!**
  - Networking
  - Getting involved in events (reviewer, TPC member, session chair, TPC chair/vice-chair)
  - Conference endorsement
  - IEEE Senior membership/Fellowship
  - IEEE Awards
  - IEEE ComSoc Awards...

# Thank You!

Next WTC meeting will be held at ICC'13  
in Budapest, Hungary, June 9 – 13, 2013.