



IEEE COMMUNICATIONS SOCIETY Wireless Communications Technical Committee (WTC)

ICC'2012

Ottawa, Canada

Confederation I/Fourth Level (Westin Hotel)

Wednesday, June 13, 2012

12:30 pm– 1:30pm

Agenda

- ◆ 1. Welcome
- ◆ 2. Minutes of the WTC meeting held at GC'11
- ◆ 3. WTC mission and current status
- ◆ 4. Conference reports
- ◆ 5. WTC Recognition award presentation to Prof. Khaled B. Letaief
- ◆ 6. Announcement of WTC Election during GC 2012
- ◆ 7. Other business

Minutes of WTC meeting held at GC'11

◆ **Committee Members Present: 157 (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. He also reviewed the current officers and the impact of WTC on conferences and journals.
- ◆ 5. WTC nominates IEEE/ComSoc award, endorsement of Fellow and nomination for distinguished lectures—all three DLs recommended by the WCTC this year were approved by ComSoc.
- ◆ 6. WTC recognition award: Sherman and Mohsen (the past WTC chair) moderated the ceremony of presenting the WTC Recognition Award: The WTC Recognition Award winners of 2011 were Prof. Kwang-Cheng Chen., National Taiwan Univ., Taiwan and Prof. Khaled B. Letaief, HUKUST, Hong Kong, China
- ◆ Sherman announced that the next WTC meeting will be held at ICC 2012 in Ottawa, Canada. 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, **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 (WCTC/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

WTC Impact on Major Conferences

- ◆ Globecom and ICCs (GICCs)
 - Wireless Communications Symposium (WCS)
 - WCS in GICCs has consistently received the highest number of submissions and attendees (about 30%-40% of the total GICC submissions and attendees) in the last few years
 - Wireless Networking Symposium (WNS)
 - Ad hoc and Sensor Networks Symposium
 - Communications Theory Symposium
 - Signal Processing for Communications Symposium
 - Cognitive Radio Networking Symposium
- ◆ WTC also plays a very active role in the organization of ComSoc's flagship wireless events **WCNC** (Wireless Communications & Networking Conference) and **PIMRC** (Personal, Indoor, Mobile, Radio Communications)
 - Current and past (founding) Chairs of WCNC Steering Committee, Prof. Roberto de Marca and Dr. Chih-Lin I: active members of WTC.
 - Founding Steering Committee Chair of PIMRC, Prof. Hamid Aghvami: an active WTC member.

WTC Impact on Journals and Magazines

- ◆ A large number of WTC active members are highly visible at ComSoc and GICCs
 - WTC active members served/serve as members of Board of Governors
 - WTC active members served/serve as GC and ICC TPC Co-chairs
- ◆ WTC endorses a high number of wireless events, and actively contributes to their organization.
- ◆ WTC members play very active roles in the editorial boards of wireless journals, magazines, and special issues. For instance,
 - EiC of Tcomm, IEEE TWireless, IEEE Twireless Letter, IEEE Network, IEEE Wireless Comm. Magazine, IEEE Comm. Surveys and Tutorial
 - Founding EiC of IEEE TWireless, Prof. Khaled Ben Letaief, the past Chair, Prof. Vijay Bhargava, Past EiC of Twireless, President

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.

Involvement in 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 Fellowship
 - IEEE Awards
 - IEEE ComSoc Awards
 - ...

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. 2nd Past WTC/TCPC Chair
 3. 3rd Past WCC/TCPC Chair
 4. WTC Member (appointed by the WTC Chair for one year; renewable for a maximum of one year)

WCTC 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

◆ 2012 WCTC Recognition Award Committee:

- Chair: Mohsen Guizani – Past WCTC Chair
- Members:
 1. Sherman Shen – Current WCTC Chair
 2. Chengshan Xiao – 2nd Past TCPC Chair
 3. Halim Yanikomeroglu– 3rd Past TCPC Chair
 4. Lajos Hanzo– WCTC Member (appointed by the WCTC Chair for one year)

Conference Reports

WTC-sponsored GC/ICC symposia

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

Future ICC's and GC's

- ◆ Globecom 2012 - Anaheim, CA, USA
- ◆ ICC 2013 - Budapest, Hungary
- ◆ Globecom 2013 - Atlanta, GA, USA
- ◆ ICC 2014 - Sydney, Australia
- ◆ Globecom - 2014 – Austin, Texas, USA

Major ComSoc Wireless Events:

- ◆ **PIMRC 2012** (Sydney, Australia, 9 - 12, Sept. 2012)

- ◆ **WCNC 2013** (Shanghai, China, April 7 - 10, 2013)

Endorsed by WTC → sponsored by ComSoc

- ◆ WCSP 2012
- ◆ WTS 2011
- ◆ WiMob'11
- ◆ WICOM'11
- ◆ ICCCN'12
- ◆ SPECTS'11
- ◆ Etc.

Election Announcement

◆ 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)

◆ Call for Nominations will be send out in September for new officer candidates. Election will be held in GC'12.

Other Business

◆ Next WTC meeting: at GC'12 in Anaheim, CA, USA
Dec. 3 - 7, 2012.



Thank you all for attending

Questions or Comments