

IEEE COMMUNICATIONS SOCIETY
Wireless Communications Technical Committee (WTC)

Meeting held at GC 2007

Washington, DC, USA

Hilton Hotel
International Back Terrance

Thursday, 29 November 2007
11:50 – 14:00

Proposed New Agenda

- ◆ 1. Welcome
- ◆ 2. Minutes of the previous WTC meeting held at ICC'07
- ◆ 3. **WTC mission and current status**
- ◆ 4. 2007 WTC recognition award presentation
- ◆ 5. **ComSoc Wireless Communications Engineering Technology Certification program (by Celia Desmond)**
- ◆ 6. Conference reports
- ◆ 7. WTC endorsement and ComSoc sponsorship policies
- ◆ 8. Other business
- ◆ 9. Adjournment

Minutes of WTC meeting held at ICC'07

- ◆ 17:45-19:30, Monday, 25 June 2007, Barra Suite Room, Crowne Plaza Hotel, Glasgow, Scotland, UK
- ◆ Meeting Chair: Chengshan Xiao (WTC Chair)
- ◆ Attendees: ~65

Ravi Adve, Hamid Aghvami, Sonia Aissa, Mohammed Atiquzzaman, Eesa Bastaki, Khaled Ben Letaief, Jalel Ben-Othman, Vijay Bhargava, Azzedine Boukerche, Chung-Ju Chang, Hsiao-Hwa Chen, Kwang-Cheng Chen, Yu Cheng, Chuxiao Chigan, Zaher Dawy, J. Roberto DeMarca, Celia Desmon, Zhi Ding, Romano Fantacci, Lajos Hanzo, Hossam Hassanein, Movnir Homdi, Ivan Howitt, Jacek Ilow, Sastri Kota, Cheng Li, Teng Joon Lim, Xiaodong Lin, Ranjan K. Mallik, Mustafa Matalgah, Neelesh Mehta, Abdechamid Mellouk, Maria Luisa Merani, Peter Mueller, Ross Murch, Farid Nait-Abdesselam, A. Nallanathan, Nidal Nasser, Qiang Ni, Sangheon Park, Yi Qian, Ted Rappaport, Sumit Roy, Sherman Shen, Gordon Stuber, Neiner Stuttgen, Sebastian Szyszkowicz, Matt Valenti, Murat Uysal, Tai Wang, Ping Wang, Cheng-Xiang Wang, Chengshan Xiao, Guoliang Xue, Yang Yang, Halim Yanikomerglu, Mohamed Younis, Qian Zhang

(some people could not sign as they could not enter the meeting room).

- ◆ See next page.

Minutes of WTC meeting held at ICC'07

- ◆ Chengshan opened the meeting and asked attendees to introduce themselves.
- ◆ Chengshan requested a motion to approve the minutes of TCPC meeting at GC06, the request was moved by Gordon Stuber and seconded by Hamid Agavami. The minutes were approved unanimously.
- ◆ Chengshan announced the name change of TCPC to WTC, and new mission statement, which have been approved by IEEE ComSoc. Then he reviewed and reported the functions and missions of WTC.
- ◆ Celia Desmond presented the IEEE ComSoc Wireless Communications Engineering Technology Certification Program.
- ◆ Chengshan reported on the conference activities those sponsored by WTC and opened some discussions on conference activities.
- ◆ Ted (Dr. Rappaport), Khaled (Dr. Ben Letaief) and Sastri (Dr. Kota) took the lead to discuss how to increase our presence to/from wireless communications industry.
- ◆ Halim made an announcement on our major wireless event of WCNC 2008.
- ◆ Heiner (Dr. Stuttgarten) took the lead to discuss the GITC new policy and symposia structures.
- ◆ Meeting adjourned at 7:30 PM.

IEEE ComSoc Wireless Communications Technical Committee (WTC)

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 cellular 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.

General Information on WTC

- ◆ WTC is one of the largest, most established, and most active TCs in ComSoc with ~650 members
- ◆ WTC has two formal meeting a year at ICC and Globecom

- ◆ **Present Officers** (1 Jan 2007 - 31 December 2008)
 - Chair: Prof. Chengshan Xiao, Univ. of Missouri-Rolla, USA
 - Vice-Chair: Prof. Mohsen Guizani, West Michigan Univ., USA
 - Secretary: Prof. Sherman Shen, Univ. of Waterloo, Canada

- ◆ **Past Chairs (TCPC)**
 - 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 (ICC 2009)
- Signal Processing for Communications Symposium (ICC2009)

◆ WTC plays an active role in the organization of ComSoc's flagship wireless events **WCNC** (Wireless Communications & Networking Conference) and **PIMRC** (Personal, Indoor, Mobile, Radio Communications)

- Predecessor of WCNC (ICUPC - Int'l Conference on Universal Personal Communications) was born within TCPC/WTC.
- 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

- ◆ A high number of WTC active members are highly visible at ComSoc and GICCs
 - Board on Governors, etc.
 - WTC active members served/serve as Globecom06, Globecom07, ICC08, ICC10 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 IEEE TWireless, Prof. Vijay Bhargava, WTC active member
 - Founding EiC of IEEE TWireless, Prof. Khaled Ben Letaief: the past TCPC Chair
 - Five Area Editors of TWireless are WTC members.
 - Many Editors of TWireless and TComm are WTC members.
 - Mohsen and Sherman are serving as EiC for non-IEEE Journals.

WTC Other Accomplishment:

◆ Nomination for IEEE/ComSoc Award:

- WTC nominated Prof. Khaled Ben Letaief for ComSoc Publication Service Award

◆ Endorsement for IEEE Fellow and Senior Member:

- WTC endorsed 3 active members for IEEE Fellow in 2007, and one of them awarded as IEEE Fellow.
- WTC endorsed 2 active members for IEEE Senior member grade in 2007, and both of them got it.

◆ Nomination for ComSoc Distinguished Lecturers:

- WTC nominated 4 active members for DL in 2006, all got it. WTC nominated 4 more people, and the decision will be made by ComSoc next year.

Involvement in WTC

- ◆ Website: <http://bbcr.uwaterloo.ca/~wtc/>
- ◆ Membership: open to all who are interested
- ◆ Volunteer-based, open and welcoming
- ◆ Mailing list
- ◆ **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:** Nomination are solicited from WTC members. 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.
- ◆ **TCPC Recognition Award Committee:** The Award committee will have 5 members as follows:
 - Chair: Past WTC/TCPC Chair
 - Members:
 1. Current WTC Chair
 2. 2nd Past WTC/TCPC Chair
 3. 3rd Past WTC/TCPC Chair
 4. WTC Member (appointed by the WTC Chair for one year; renewable for a maximum of one year)

2007 WTC Recognition Award

◆ Previous Award Winners

- 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

◆ Closing date for nominations: October 2, 2007

- A high number of nominations received

◆ 2007 TCPC Recognition Award Committee:

- Chair: Halim Yanikomeroglu – Past TCPC Chair
- Members:
 1. Chengshan Xiao – Current WTC Chair
 2. Khaled Ben Letaief – 2nd Past TCPC Chair
 3. Zygmunt Haas – 3rd Past TCPC Chair
 4. Jerry Gibson – WTC Member (appointed by the WTC Chair for two years)

2007 WTC Recognition Award Winners

◆ **Prof. Lajos Hanzo**

University of Southampton, UK

◆ **Prof. Gordon Stüber**

Georgia Institute of Technology, USA



**The IEEE Wireless Communications Technical Committee (WTC)
is proud to present the 2007 WTC Recognition Award to**

Professor Gordon L. Stüber

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

**Chengshan Xiao
IEEE WTC Chair
November 2007**

**Halim Yanikomeroglu
WTC Award Committee Chair
November 2007**

Wireless Communications Technical Committee (WTC) Meeting

29 November 2007, Washington, DC, USA

We all had a good time at WCNC 2007!





**The IEEE Wireless Communications Technical Committee (WTC)
Extends Its Appreciation to**

The Students of CenWIT of HKUST

**for significant contributions and help in organizing an excellent
IEEE WCNC in 2007**

**Chengshan Xiao
IEEE WTC Chair
November 2007**

**Halim Yanikomeroglu
WTC Award Committee Chair
November 2007**

ComSoc Wireless Communications Engineering Technology Certification program (by Celia Desmond)

Conference Reports

WTC-sponsored GICC symposia

- ◆ GC'07 – WCS
- ◆ GC'07 – WNS
- ◆ ICC'08 – WCS
- ◆ ICC'08 – WNA
- ◆ GC'08 – WCS
- ◆ GC'08 – WNS

Future ICCs and GCs

ComSoc Wireless Events

- ◆ PIMRC'07
- ◆ WCNC'08
- ◆ PIMRC'08

Endorsed by WTC

→ sponsored by ComSoc

- ◆ WOCN'07
- ◆ QShine'07
- ◆ EuroSSC'07
- ◆ ISWCS'07
- ◆ IIT'07
- ◆
- ◆ ISWPC'08
- ◆ CNSR'08
- ◆ WTS'08
- ◆ IWSSC'08
- ◆ WOCN'08
- ◆ HPSR'08

Post-conf repts (ICC'07-GC'07)

Pre-conf repts (GC'07-ICC'08)

Globecom 2007 Technical Program Chair: Sherman Shen

GC'07 – Wireless Communications Symposium

◆ Symposium Co-Chairs:

- Andy MOLISCH MERL, USA
- ***Maria Luisa MERANI*** ***University of Modena and Reggio Emilia, ITALY***
- ***Yao MA*** ***Iowa State University, USA***
- Rajarathnam Chandramouli Stevens Institute of Technology, USA

◆ Sponsors

- Wireless Communications TC
- Radio Communications TC
- Cognitive Networks Technical Subcommittee

◆ TPC Members: 142

◆ Each paper assigned to *three* different TPC members who selected *one* reviewer each

◆ Wireless Communications Symposium paper distribution

- **46** sessions (**43** regular sessions and **3** poster sessions)
- Accepted Papers: 93.5% for oral presentation, 6.5% for poster presentation

◆ a *best paper award* was selected out of five candidates

Submissions and Acceptance Rates of all Technical Symposia

		Rejected	Accepted	Submitted	Acceptance ratio
GC'07 WC	Wireless Communications	464	290	754	38.5%
GC'07 GS	General Symposium	154	106	260	40.8%
GC'07 ASNS	<i>Ad-hoc and Sensor Networking Symposium</i>	223	153	376	40.7%
GC'07 MCSSS	<i>Multimedia Communications, Software and Services Symposium</i>	40	24	64	37.5%
GC'07 CTS	<i>Communication Theory Symposium</i>	127	79	206	38.3%
GC'07 IPS	<i>Internet Protocol Symposium</i>	57	48	105	45.7%
GC'07 ONSS	<i>Optical Networks and Systems Symposium</i>	87	54	141	38.3%
GC'07 PMQRS	<i>Performance Modeling, QoS and Reliability Symposium</i>	96	59	155	38.1%
GC'07 SPS	<i>Signal Processing Symposium</i>	93	65	158	41.1%
GC'07 WN	<i>Wireless Networking Symposium</i>	195	140	335	41.8%
Total			1018	2554	39.9%

GC'07 – Wireless Communications Symposium: the Sessions and the Days 1/2

Day	Time	Plenary
Tuesday	10:00 AM-11:45 AM	<i>I01: Cognitive Radio I, I02: MIMO Algorithms I, I03: MIMO Capacity I, I04: OFDMA</i>
	02:00 PM-03:45 PM	<i>I05: LDPC Codes, I06: MIMO Algorithms II, I07: Wireless Channel Capacity</i>
	04:15 PM-06:00 PM	<i>I08: Crosslayer I I09: Equalization, I10: Space-Time Coding I</i>
Wednesday	10:00 AM-11:45 AM	<i>I11: Cooperative Communications and Coding I, I12: Crosslayer II, I13: MIMO Algorithms III, I14: Space-Time Coding II, P02: Wireless Networks</i>
	02:00 PM-03:45 PM	<i>I15: Cognitive Radio II, I16: Diversity I, I17: MIMO Capacity II, I18: Wireless MAC</i>
	04:15 PM-06:00 PM	<i>I19: Ad-Hoc Networks and Relay, I20: OFDM I, I21: Propagation Channels I, I22: Topics in Wireless Communications</i>

GC'07 – Wireless Communications Symposium: the Sessions and the Days 2/2

Day	Time	Plenary
Thursday	10:00 AM-11:45 AM	<i>I23: OFDM II, I24: Propagation Channels II, I25: Relaying I, P09: Topics in MISO, MIMO and RF Systems</i>
	02:00 PM-03:45 PM	<i>I26: Coding and Detection, I27: Cooperative Communications and Coding II, I28: MIMO Algorithms IV, I29: Space-Time Coding III, P10: RFID, Cellular and Satellite Communications</i>
	04:15 PM-06:00 PM	<i>I30: Channel Estimation and Synchronization I, I31: Cognitive Radio III, I32: Diversity II, I33: UWB</i>
Friday	10:00 AM-11:45 AM	<i>I34: Channel Estimation and Synchronization II, I35: Cognitive Radio IV, I36: Diversity III</i>
	02:00 PM-03:45 PM	<i>I37: Detection, I38: OFDM III, I39: WiMAX and OFDM</i>
	04:15 PM-06:00 PM	<i>I40: Cooperative Communications and Coding III, I41: MIMO Algorithms V, I42: Relaying II</i>
	04:45 PM-06:00 PM	<i>I43: CDMA</i>

GC07 - Wireless Networking Symposium

◆ Symposium Co-Chairs:

- Abbas Jamalipour, University of Sydney, USA
- Dongmei Zhao, McMaster University, Canada
- Mario Marchese, University of Genoa, Italy
- Ekram Hossain, University of Manitoba, Canada

◆ Statistics

- Submissions: 335
- Accepted: 132
- Acceptance Rate: ~39%

◆ TPC Members: 124

- ◆ All papers with ≥ 3 reviews, except 14 rejected papers with 2 reviews
- ◆ 22 sessions (20 oral sessions and 2 poster sessions)

GC07 - Wireless Networking Symposium

◆ Oral Sessions

- Security issues in wireless networks
- Cognitive radio networks-I, II
- Wireless mesh networks- I, II
- Routing in wireless networks
- IEEE 802.16 networks
- Wireless MAC-I, II
- Mobility and handoff
- Scheduling and admission control in wireless networks
- Resource management in WLANs
- Modeling and analysis of IEEE 802.11-based WLANs
- Modeling and performance analysis
- Modeling and optimization of wireless networks
- OFDM-based wireless networks
- Channel/resource allocation in wireless networks
- QoS and resource management in wireless networks
- Wireless network designs and protocols
- Satellite networks

◆ Poster Sessions

- Enabling techniques-I, II

Symposium on Ad hoc and Sensor Networks – Globecom 2007

Symposium Co-Chairs:

Azzedine Boukerche, Univ. of Ottawa, Canada,

Hussein Mouftah, Univ. of Ottawa, Canada,

Hsiao-Hwa Chen, National Sun Yat-Sen Univ., Taiwan,

Total Submissions: 376

Accepted: 153

Rejected: 223

Acceptance ration: 40.7%

TPC members: 468

Each paper assigned to three TPC members, each giving one reviewer.

Symposium on Ad hoc and Sensor Networks – Globecom 2007

Sessions (1/2)

◆ Tue, Nov 27, 2007

- ◆ B01: Energy Based and Cross-Layer Routing Based Protocols
- ◆ B02: MAC Protocols and Performance Evaluation
- ◆ B03: Geographic and Cooperative Based Routing Protocols
- ◆ B04: Power Control and Collision Avoidance
- ◆ B05: Routing Protocols and Performance Evaluation
- ◆ B06: Resource Allocation and QoS Provisioning

◆ Wed, Nov 28, 2007

- ◆ B07: Scheduling and Resource Management
- ◆ B08: Coding, Modulation, and Synchronization
- ◆ B09: Data Gathering and Data Mining
- ◆ B10: Modeling of Ad Hoc Networks
- ◆ B11: Data Aggregation and Compression
- ◆ B12: Ad Hoc Network Security: Misbehavior, Fault Detection and Secure Algorithms
- ◆ P03: Ad Hoc and Sensor Networks (Poster Session)

Symposium on Ad hoc and Sensor Networks – Globecom 2007

Sessions (2/2)

◆ Thu, Nov 29, 2007

- ◆ B13: Multimedia Protocols and Services
- ◆ B14: Sensor Network Security: Cryptography and Attack Detection
- ◆ B15: Lifetime Optimization and Energy Management
- ◆ B16: Localization and Time Synchronization
- ◆ B17: Wireless and Mobile Sensor Networks
- ◆ B18: Coverage Control and Network Connectivity
- ◆ P08: Wireless Ad hoc, Sensor and Mesh Networks (Poster Session)

◆ Fri, Nov 30, 2007

- ◆ B19: Clustering and Connectivity Based Protocols
- ◆ B20: Mobility and Coordination
- ◆ B21: Topology Control and Location Service Management
- ◆ B22: Performance Analysis of Ad hoc and Sensor Networks

Symposium on Ad hoc and Sensor Networks – Globecom 2007

Authors by Country and Region (Accepted Papers)

Country	Authors	%
USA	1065	36.3
Canada	314	10.7
P.R. China	216	7.4
Italy	192	6.6
Japan	153	5.2
Germany	100	3.4
Korea	96	3.3
France	89	3.0
United Kingdom	72	2.5
Australia	64	2.2
Singapore	60	2.0
Hong Kong	60	2.0
Taiwan	57	1.9
India	42	1.4
Belgium	31	1.1
Spain	28	1.0
Denmark	25	0.9
Finland	23	0.8
Portugal	22	0.8
Brazil	22	0.8

Country	Authors	%
Sweden	21	0.7
Greece	19	0.6
Puerto Rico	15	0.5
Switzerland	14	0.5
Ireland	14	0.5
New Zealand	14	0.5
Poland	12	0.4
Norway	12	0.4
The Netherlands	12	0.4
Hungary	8	0.3
Israel	7	0.2
Turkey	6	0.2
Cyprus	5	0.2
Tunisia	5	0.2
Pakistan	5	0.2
South Africa	5	0.2
Chile	4	0.1
Algeria	3	0.1
Mexico	3	0.1
Austria	3	0.1
Lebanon	3	0.1
Uruguay	2	0.1

ICC 2008, Beijing, CHINA

◆ 19-23 May 2008

◆ <http://www.ieee-icc.org/2008/>

◆ Technical Program Co-Chairs:

- Prof. Ke Gong, Tianjing University, China
 - Prof. Khaled Ben Letaief, HKUST, China
 - Prof. Zhisheng Niu, Tsinghua University, Beijing, China
-
- Paper Submission: 28 Sep. 2007
 - Notification: 10 Jan. 2008
 - Camera-Ready: 28 Feb. 2008

Submissions and Acceptance Rates of all Technical Symposia

	Submitted	% of total submissions	Accepted	Acceptance ratio
ICC'08 WCS	986	31.5%	330	33.5%
ICC'08 WNS	615	19.6%	206	33.5%
ICC'08 ANI	193		65	33.7%
ICC'08 CQR	220		74	33.6%
ICC'08 CT	259		87	33.6%
ICC'08 CSS	63		21	33.3%
ICC'08 ONS	157		53	33.8%
ICC'08 SPC	281		93	38.1%
ICC'08 GC	121		41	33.9%
ICC'08 INS	161		54	33.3%
ICC'08 Mini-C	78		27	34.6%
Total	3135		1051	33.6%

ICC08 Wireless Communications Symposium (WCS)

◆ Co-chairs:

- Chengshan Xiao, University of Missouri-Rolla, MO, USA
- Sherman Shen, University of Waterloo, ON, CANADA
- Aylin Yener, Pennsylvania State University, PA, USA
- Chia-Chin Chong, DoCoMo Comm Labs, CA, USA

◆ Sponsoring Technical Committees

- WTC, RCC, and P2P Technical Sub-Committee

◆ Technical Program Committee: 240 people invited, 200 people accepted/comfirmed, 185 people were highly dedicated.

◆ Each paper was assigned to 3 TPC members, each TPC member provides one review for each paper.

◆ 924 Papers received 3 or more reviews, 56 papers received 2 consistent reviews, 6 papers were rejected with no review due to plagiarism matters.

About the ICC'08 Wireless Networking Symposium

- ◆ Technical cochairs:
 - *Romano Fantacci (WTC)*
 - *Qian Zhang (WTC)*
 - Hossam Hassanein
 - Andrea Giorgetti

- ◆ 233 TPC members accepted to serve

- ◆ **615** papers were submitted !!!
 - 2 early rejection due to double submissions
 - Each of them was assigned to at least 3 different TPC members

 - 124 manuscripts received 3 reviews
 - 298 received 4 reviews
 - 135 with 5 reviews
 - 36 with 6 reviews
 - 11 with 7 reviews
 - 1 with 8 reviews

 - 8 papers with 2 reviews ...

GC'07 Wireless Communications Symposium

◆ Acceptance rate

- It is common to all ICC'08 Symposia:
29.36% for oral presentations and 4.2% for posters

◆ Papers accepted within the Wireless Networking Symposium

- 180 in regular sessions
- 26 in poster sessions

- Session organization and number:
to be finalized

Globecom 2008, New Orleans, USA, 1-4 December 2008

◆ GC'08 WCS Co-Chairs

- Dennis Goeckel, University of MA, Amherst, MA, USA
- Brian Hughes, NC State University, NC, USA
- Zhengdao Wang, Iowa State University, IA, USA
- Xi Zhang, TA&MU, TX, USA

◆ GC'08 WNS Co-Chairs

- Weihua Zhuang, University of Waterloo, CANADA
- Jelena Masic, University of Manitoba, Canada
- Jing Deng, University of New Orleans, USA
- Murat Alanyali, Boston University, MA, USA

ICC 2009, Dresden, Germany, 14-18 June 2009

◆ ICC'09 WCS Co-Chairs

- Sonia Aissa
- Nallanathan Arumugan
- Erik Perrins
- Yi Qian
- Matt Valenti
- Takayo Yamazoto

◆ ICC'09 WNS Co-Chairs

- Hossam Hassanein
- Mario Marchese
- Abdelhamid Mellouk
- Yu Cheng

◆ ICC'09 CTS Co-Chairs

- Aylin Yener
- Lutz Lampe
- Angela Zhang

◆ ICC'09 ASNS Co-Chairs

- Tommaso Melodia
- Hongchi Shi
- Larry Xue
- Mohamed Younis

◆ ICC'09 SPS Co-Chairs

- Luc Deneire
- Tomohiko
- Wai Pang Ng

Future ICC's and GC's

- ◆ Globecom 2009 (30 Nov – 4 Dec) – Honolulu, Hawaii
- ◆ ICC 2010 (May 23 – 27) – Cape Town, South Africa
- ◆ Globecom 2010, Miami, USA
- ◆ ICC 2011, Japan

Major Wireless Events: WCNC Steering Committee 2006 – 2008

- ◆ Roberto de Marca, Chair
- ◆ Hamid Aghvami
- ◆ Khaled Ben Letaief
- ◆ Gerry Flynn
- ◆ Lajos Hanzo
- ◆ Jerry Gibson
- ◆ Abbas Jamalipour
- ◆ Werner Mohr
- ◆ Gordon Stuber
- ◆ Moe Win
- ◆ Halim Yanikomeroglu

IEEE Wireless Communications & Networking Conference (WCNC) 2008

- ◆ 31 March – 3 April 2008, Las Vegas, USA <http://www.ieee-wcnc.org>
- ◆ General Chair: Hakan Eriksson, CTO, Ericsson
- Executive Chair: David Falconer, Carleton U, Canada
- Vice Chair: Jan Farjh, Vice President, Ericsson
- Technical Program Chair: Halim Yanikomeroglu, Carleton U, Canada
- Technical Program Co-Chairs: Ezio Bilglieri
Aaron Gulliver, U of Victoria, Canada
Zhu Han, Boise State U, USA
Sennur Ulukus, U of Maryland, USA
Pin-Han Ho, U of Waterloo, Canada
Hussein Mouftah, U of Ottawa, Canada
Ekram Hossain, U of Manitoba, Canada
Djamal Zeghlache, GET-INT-Evry, France
Elvino Sousa, U of Toronto, Canada
- Panels Co-Chairs: Jerry Gibson, U of California SB, USA
Sastri Kota, Harris, USA
- Tutorials Co-Chairs: Vahid Tarokh, Harvard U, USA
Stephen Weinstein, CTTC LLC, USA
- Student Travel Grants: Uf Tureli, Stevens Institute of Tech, USA
- Publications Chair: Chengshan Xiao, U of Missouri-Rolla, USA
- WCNC Steering Committee Chair: Roberto de Marca, PUC-Rio, Brasil

IEEE Wireless Communications & Networking Conference (WCNC) 2008

- ◆ 1,250 submissions
- ◆ TPC with 360 members
- ◆ Overwhelming majority of submissions (~95%) have at least 3 reviews
- ◆ Keynote: Dr. Hakan Eriksson (CTO, Ericsson)
Plenary: Dr. Young Kim, Senior VP, Global Standards & Strategy, Samsung
Dr. Roger Marks, Senior VP, NextWave Broadband Inc.
(IEEE 802.16 Chairperson)
Dr. Joseph Mitola III, Consulting Scientist, MITRE Corporation
(Founding Chair of the Software-Defined Radio Forum)
- ◆ Leading researchers as Invited Speakers in select sessions
- ◆ One free tutorial for every registration
- ◆ Collocated with CTIA Wireless 2008 – world's largest wireless show
→ free admission to CTIA Exhibition

IEEE PIMRC 2008

Cannes, French Riviera, France

15-18 September 2008

Dr Mischa Dohler
France Telecom R&D

Prof Hamid Aghvami
King's College London



General Information

◆ **Conference Dates:**

- 15-18 September 2008
- Sunday night – Thursday afternoon

◆ **Conference Site:**

- "Palais des Festivals" of Cannes
- plenary sessions will happen where film awards are given

◆ **Location:**

- Cannes, French Riviera, France
- one of the most attractive locations imaginable
- September is ideal because weather is good, sea is warm but tourists gone ...

◆ **Website:**

- www.pimrc2008.org

Technical Information

◆ **Similar to ICC, splitting in tracks to keep loads reasonable:**

- Track #1: "Fundamentals & PHY"
- Track #2: "MAC & Cross-Layer Design"
- Track #3: "Mobile & Wireless Networks"
- Track #4: "Applications, Services & Business Approach"

◆ **Important Dates:**

- full papers: **3. March 2008**
- acceptance notice: **1. May 2008**
- final manuscript: **2. June 2008**

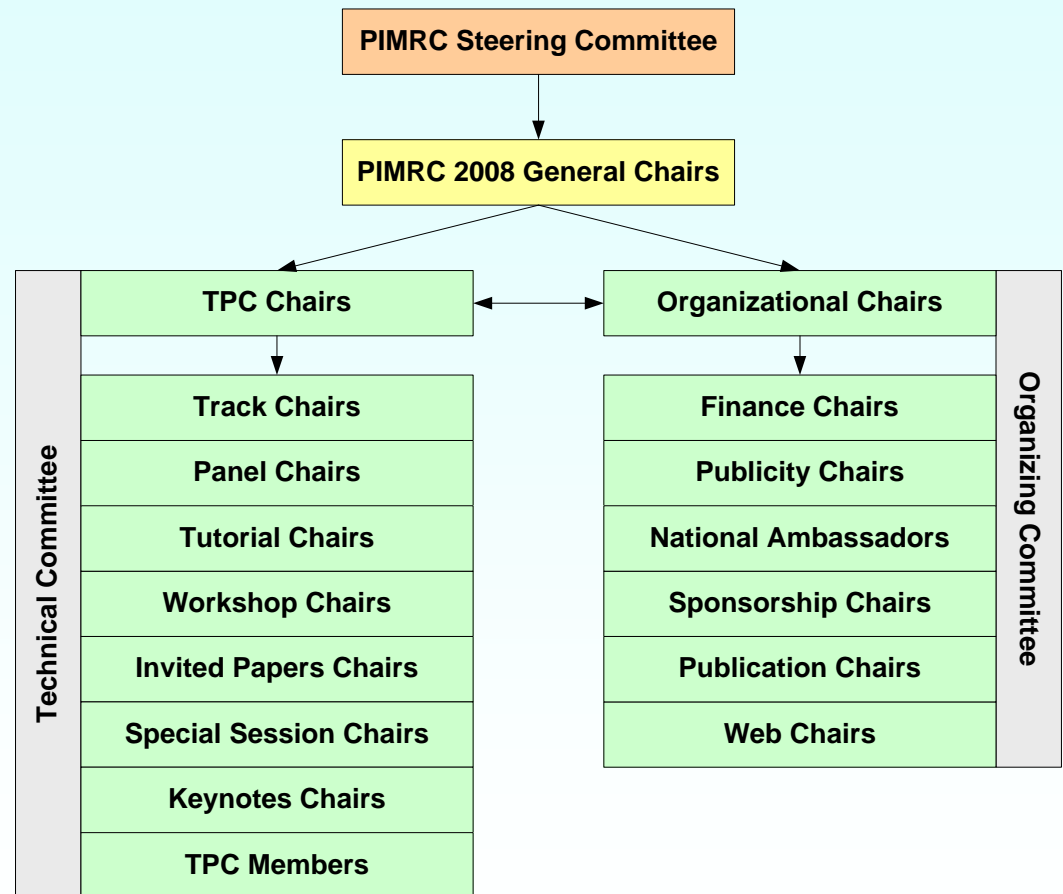
◆ **System to be used:**

- **EDAS**

Committee Information [1/5]

◆ General Structure:

- Structure is given on the right.
- At least 2 people per position to have backup and less workload per person.
- We have got very high-profile chairs from Stanford, MIT, France Telecom, Alcatel-Lucent, Motorola, etc.



International Advisory Committee

Committee Information [2/5]

◆ PIMRC Steering Committee:

- Hamid Aghvami, King's College London, UK [founder]
- Shuzo Kato, NICT, Japan
- Kaveh Pahlavan, Worcester Polytechnic Institute, USA
- Roberto de Marca, IEEE

◆ PIMRC 2008 General Chairs:

- Paul Friedel, Director of R&D, France Telecom, France
- Hamid Aghvami, King's College London, UK

◆ PIMRC 2008 General Technical Chairs:

- Mischa Dohler, France Telecom, France
- Alain Sibille, ENSTA, France

◆ PIMRC 2008 General Organizational Chairs:

- Béatrice Valdayron, SEE, France
- Debora Kingston, IEEE, USA

Committee Information [3/5]

◆ **Fundamentals & PHY Track Chairs:**

- **David Gesbert**, Eurecom, France
- **John Cioffi**, Stanford, USA
- **Jean-Claude Belfiore**, ENST, France

◆ **MAC & Cross-Layer Design Track Chairs:**

- **Giuseppe Bianchi**, University of Rome, Italy
- **John Shea**, University of Florida, USA
- **Carles Anton**, CTTC, Spain

◆ **Mobile and Wireless Networks Track Chairs:**

- **Ivan Stojmenovic**, EECE, UK
- **Fabrice Valois**, INSA, France
- **Yuguang "Michael" Fang**, University of Florida, USA

◆ **Services, Applications & Business Track Chairs:**

- **Babak Jafarian**, Ortiva Wireless, USA
- **Luis Correia**, Technical University of Lisbon, Portugal
- **Rahim Tafazolli**, Surrey University, UK

Committee Information [4/5]

◆ Tutorial Chairs:

- Muriel Medard, MIT, USA
- Prosper Chemouil, France Telecom, France

◆ Panel Chairs:

- Jorge Pereira, EC DG-INFSO, Europe
- Frank Fitzek, Alborg University, Denmark

◆ Workshop Chairs:

- Cedric Westphal, Nokia, USA
- Branka Vucetic, Sydney University, Australia

◆ Invited Papers Chairs:

- Giorgos Giannakis, University of Minnesota, USA
- Guy Pujolle, LIP6, France

◆ Special Sessions Chairs:

- Didier Bourse, Motorola, France
- René Roussille, SEE, France

Committee Information [5/5]

◆ Keynotes Chairs:

- **Christophe Le Martret**, Thales Group, France
- **Cengiz Evci**, Alcatel-Lucent, France

◆ Finance Chairs:

- **Christine Nora**, IEEE France Section, France
- **Bruce Worthman**, IEEE ComSoc, USA

◆ Publicity Chairs:

- **Chia-Chin Chong**, DoCoMo USA Labs, USA
- **Eric Fleury**, INRIA, France

◆ Sponsorship Chairs:

- **Ramesh Pyndiah**, ENST, France
- **Ian Oppermann**, Siemens Nokia Networks, Finland

◆ Publications Chairs:

- **Periklis Chatzimisios**, TEI of Thessaloniki, Greece
- **Victor Kueh**, British Telecom, UK

◆ Web Chair:

- **Thomas Watteyne**, France Telecom R&D / INRIA, France

Local Organizer, Sponsors & Patrons

◆ Local Organizer:

- SEE, France

◆ Co-Sponsors:

- IEEE ComSoc, USA
- SEE, France

◆ Patrons Packages:

- Platinum: Orange Labs & France Telecom Group
- Gold: CEA-LETI
- Silver: *tbd*
- Banquet: *tbd*
- Reception: *tbd*
- Tea-Break: *tbd*

Logistics

◆ Conference Site:

- contract is ready and signed

◆ Hotels:

- there is sufficient but limited hotel space
- participants will need to book via local organizer

◆ SEE will also take care of:

- social programs
- tourist programs
- Air France special fares
- Shuttle bus from Nice airport to Cannes (30km)

Wireless Communications Technical Committee (WTC) Meeting

29 November 2007, Washington, DC, USA



Welcome to PIMRC 2008!



Endorsed by WTC

→ sponsored by ComSoc

- ◆ WOCN'07
- ◆ QShine'07
- ◆ EuroSSC'07
- ◆ ISWCS'07
- ◆ IIT'07
- ◆

Post-conf repts (ICC'07-GC'07)

- ◆ ISWPC'08
- ◆ CNSR'08
- ◆ WTS'08
- ◆ IWSSC'08
- ◆ WOCN'08
- ◆ HPSR'08

Pre-conf repts (GC'07-ICC'08)

TCPC Endorsements and ComSoc Sponsorships

Technical Committee Clusters:

◆ **COMMUNICATION SOFTWARE & SERVICES (CS&S)**

- Communications & Information Security Communications Software
- Information Infrastructure Multimedia Communications
- Network Operations and Management

◆ **COMMUNICATIONS/SIGNAL PROCESSING (C/SP)**

- Broadband Over Power Lines, Communication Theory
- Radio Communications, Satellite and Space Communications
- Signal Processing and Communications Electronics
- Signal Processing for Storage, Transmission, Access and Optical Systems

◆ **NETWORKING (NET)**

- Ad Hoc & Sensor Communications & Networks
- Communications Switching & Routing, Computer Communications
- High-Speed Networking, Internet, Optical Networking

◆ **VERTICAL ISSUES IN COMMUNICATION SYSTEMS (VICS)**

- Communications Quality and Reliability,
- Communications Systems Integration & Modeling, Enterprise Networking,
- **Wireless Communications**, Tactical Communications

TCPC Endorsements and ComSoc Sponsorships (cont'd)

◆ CRITERIA FOR COMSOC APPROVAL:

- 1) The event must be relevant to Communications Society members.
- 2) The event must have the endorsement of a Communications Society technical committee.
- 3) The event is financially viable and sustainable (for financially-cosponsored events).
- 4) The event is synergistic with other Communications Society conferences and is not in competition with them.
- 5) Copyright to all publications in connection with event should be held by IEEE- per the policies
- 6) The event enhances the Communications Society's relationship with a Sister Society.
- 7) The event serves a geographic area of interest to ComSoc.
- 8) The event helps achieve the strategic goals of the society.

TCPC Endorsements and ComSoc Sponsorships

◆ DEFINITION OF TC ENDORSEMENT:

IEEE Communications Society policy requires that all technically or financially sponsored events be endorsed by an appropriate ComSoc Technical Committee. Technical Committees can endorse, but not sponsor, a meeting or event. Sponsors are those non-profit organization(s) assuming financial liability for an event.

◆ TC ENDORSEMENT GUIDELINES:

- a) The Event has a TPC that conducts independent, peer review for paper selection.
- b) The Event is in a technical area related to the endorsing TC's interests.
- c) At least one TC member must be on the Event's TPC and actively involved in the development of its program.
- d) The Event's designated TC representative agrees to report to the TC about the Event.
- e) The TC's Event representative assumes significant responsibility for the overall quality of the Event's technical program.

TCPC Endorsements and ComSoc Sponsorships (cont'd)

- ◆ TC endorsement is only one of the approval criteria of ComSoc
- ◆ Final decision is made by ComSoc (not TCs)

- ◆ ComSoc decision not made:

- ◆ ComSoc rejected the sponsorship applications of the following conferences (which were endorsed by TCPC):
 - EW'07

- ◆ Rejections are **not** due to lack of technical strength

GITC Updates

GITC- Standardized Symposia

Beginning IEEE ICC 2009 the following list 11 symposia will be offered at every GC/ICC conference, pending future evolutionary changes..

- 1. Symposium on Selected Areas in Communications*
- 2. Communication Theory Symposium*
- 3. Signal Processing for Communications Symposium*
- 4. Wireless Communications Symposium*
- 5. Wireless Networking Symposium*
- 6. Optical Networks and Systems Symposium*
- 7. Next Generation Networking and Internet Symposium*
- 8. Communications QoS, Reliability and Modelling Symposium*
- 9. Adhoc and Sensor Networking Symposium*
- 10. Communications Software and Services Symposium*
- 11. Communication and Information System Security*

Announcements

- ◆ Next WTC meeting: at ICC'08 in Beijing, China (May 19-23, 2008)

Other Business

- ◆ ...