

**IEEE COMMUNICATIONS SOCIETY**  
**Technical Committee on Personal Communications (TCPC)**

Meeting held at ICC 2006

Istanbul – Turkey

Hilton Hotel  
Fatih I & II Rooms

Monday, June 12, 2006  
17:45 – 19:30

## Agenda

- ◆ 1. Welcome and introduction
- ◆ 2. Minutes of the previous TCPC meeting (held at Globecom'05)
- ◆ 3. TCPC Recognition Awards 2005
- ◆ 4. Conference reports
- ◆ 5. TCPC Endorsement and ComSoc sponsorship policies
- ◆ 6. Announcements
  - Information about TCPC elections (to be held at Globecom'06)
  - ComSoc elections
- ◆ 7. Other business
- ◆ 8. Adjournment

## IEEE ComSoc Technical Committee on Personal Communications (TCPC)

### Mission

- ◆ The Committee sponsors conferences, technical sessions, workshops, and other information exchanges on architectures, applications, systems, terminals and technologies to provide personal, location-independent communications and computing in voice, data and visual media.
- ◆ It covers techniques for achieving portability, ubiquity and transparency using wireless networks ranging from microcellular to satellite, and wired networks ranging from narrow to broadband.
- ◆ The issues, at all protocol layers, include propagation, spectral allocation, coding and modulation, equipment design, network management and operation, intelligent networks, personal profile management, security, applications program interfaces and user interfaces, and interoperability between various elements of the network and other networks, and standards.

## General Information on TCPC

- ◆ TCPC is one of the largest, most established, and most active TCs in ComSoc with ~625 members
- ◆ TCPC has two formal meeting a year at ICC and Globecom
  
- ◆ **Present Officers** (1 Jan 2005 - 31 December 2006)
  - Chair: Prof. Halim Yanikomeroglu, Carleton U, Canada
  - Vice-Chair: Prof. Chengshan Xiao, U of Missouri-Columbia, USA
  - Secretary: Prof. Mohsen Guizani, West Michigan U, USA
  
- ◆ **Past Chairs**
  - 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

## TCPC Impact

### ◆ ICCs and Globecom (GICCs)

- In all GICCs, TCPC organizes/co-organizes the Wireless Communications Symposium (WCS)
  - WCS in GICCs has consistently received the highest number of submissions and attendees (about 30%-35% of the total GICC submissions and attendees) in the last few years
- TCPC also cosponsors other wireless related symposia (such as the “Wireless Ad Hoc and Sensor Networks Symposium” and “Next Generation Mobile Networks Symposium” at ICC’06).

### ◆ TCPC 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.
- Current and past (founding) Chairs of WCNC Steering Committee, Prof. Roberto de Marca and Dr. Chih-Lin I: active members of TCPC.
- Founding Steering Committee Chair of PIMRC, Prof. Hamid Aghvami: an active TCPC member.

## TCPC Impact (cont'd)

- ◆ TCPC endorses a high number of wireless events, and actively contributes to their organization.
  - Every event endorsed by TCPC presents two reports at TCPC meetings; in the first (pre-conference) report, the preparations are outlined, and in the second (post-conference) report, the statistics (submissions, review process, acceptance rate, attendance, etc.) are provided.
  
- ◆ TCPC members play very active roles in the editorial boards of wireless journals, magazines, and special issues. For instance,
  - EiC of IEEE TWireless, Prof. Khaled Ben Letaief: the past TCPC Chair
  - EiC of Wiley's Wireless Communications & Mobile Computing Journal, Prof. Mohsen Guizani: TCPC's current Secretary.

## Involvement in TCPC

- ◆ Website: <http://www.sce.carleton.ca/tcpc>
- ◆ Membership: open to all who are interested
- ◆ Volunteer-based, open and welcoming
- ◆ Mailing list
- ◆ **Utilize TCPC!**
  - Networking
  - Getting involved in events (reviewer, TPC member, session chair, TPC chair/vice-chair)
  - Conference endorsement
  - IEEE fellowship
  - ...



## Minutes of TCPC meeting held at Globecom'05

◆ Tuesday, 29 Nov 2005, America's Center, St. Louis, Missouri, USA

◆ Chair: Halim Yanikomeroğlu (TCPC Chair)

◆ Attendees: ~65

Ravi Adve, Sonia Aissa, Paul Anghel, Mohammed Atiquzzaman, Matteo Bertozzi, Vijay Bhargava, Lin Cai, Hsiao Hwa Chen, Yu Cheng, Woon Hau Chin, Song Ci, Huaiyu Dai, Michael Devetsikiotis, Mehrdad Dianati, Pawel Dmochowski, Paul Ewing, Guangbin Fan, Romano Fantacci, Giovanni Giambene, Mohsen Guizani, Ibrahim Habib, Hossam Hassanein, Mostafa Howlader, Fei Hu, Abbas Jamalipour, Hai Jiang, Sang Wu Kim, Sastri Kota, Khaled Ben Letaief, Li Li, Qing Li, Willie Lu, Yao Ma, Neelesh B. Mehta, Jianping Pan, Giovanna Pavarani, Przemek Pawelczak, Yi Qian, Robert Qiu, Sherman Shen, Nirmala Shenoy, Minshui Shi, Yantai Shu, Stephen F. Smith, Bo Sun, Oguz Sunay, John Thompson, Zhi Tian, Velio Tralli, Shahrokh Valaee, Ru H. Wang, Vincent Wong, Alex Wyglinski, Jingxian Wu, Chengshan Xiao, Yang Xiao, Hong-Chuan Yang, Yang Yang, Wei Yu, Djamal Zeglache, Xi Zhang, Rosa Zheng

◆ Introduction and welcome

◆ Approval of TCPC meeting minutes held at ICC'05 (Seoul, Korea)

◆ Conference reports

◆ Discussion on TCPC endorsements

◆ Announcements (TCPC awards, ComSoc elections)

◆ Adjournment



## TCPC Recognition Award

- ◆ **Prize:** A recognition plaque.
- ◆ **Basis for Judging:** A person with a high degree of visibility and contribution in the field of “Personal, Wireless and Mobile Systems and Networks”.
- ◆ **Presentation:** Annually. No more than two awards will be given per year.
- ◆ **Nomination:** Nomination are solicited from TCPC 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 TCPC 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 TCPC Chair
  - Members:
    1. Current TCPC Chair
    2. 2<sup>nd</sup> Past TCPC Chair
    3. 3<sup>rd</sup> Past TCPC Chair
    4. TCPC Member (appointed by the TCPC Chair for one year; renewable for a maximum of one year)

## 2005 TCPC Recognition Award

### ◆ Previous Award Winners

- 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: Sept 30, 2005

- A high number of nominations received

### ◆ 2005 TCPC Recognition Award Committee:

- Chair: Khaled Ben Letaief – Past TCPC Chair
- Members:
  1. Halim Yanikomeroglu – Current TCPC Chair
  2. Zygmunt Haas – 2<sup>nd</sup> Past TCPC Chair
  3. Elvino Sousa – 3<sup>rd</sup> Past TCPC Chair
  4. Jerry Gibson – TCPC Member (appointed by the TCPC Chair for one year)

## 2005 TCPC Recognition Award Winners

- ◆ **Prof. Hamid Aghvami, King's College, London, UK**
- ◆ **Dr. Justin C-I Chuang, Broadcom, USA**  
(received the award at Globecom'05)

**The IEEE Technical Committee on Personal Communications (TCPC)  
is proud to present the 2005 TCPC Recognition Award to**

**Professor HAMID AGHVAMI**

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

**Halim Yanikomeroglu  
IEEE TCPC Chair  
November 2005**

**Khaled Ben Letaief  
TCPC Award Committee Chair  
November 2005**

## Conference Reports

### TCPC-sponsored GICC symposia

- ◆ ICC'06 – WCS
- ◆ ICC'06 – WAHSNS
- ◆ ICC'06 – NGMNS
- ◆ GC'06 – WCS
- ◆ GC'06 – WAHSNS
- ◆ ICC'07 – WCS
- ◆ ICC'07 – WAHSNS
- ◆ GC'07 – WCS

### ComSoc Wireless Events

- ◆ WCNC'06
- ◆ PIMRC'06
- ◆ WCNC'07

## Endorsed by TCPC

### → sponsored by ComSoc

- ◆ ICNEWS'06
- ◆ ISWPC'06
- ◆ WEMIC'06
- ◆ WOCN'06
- ◆ ICTTA'06
- ◆ WTS'06
- ◆ CNSR'06
- ◆ IST Summit'06
  
- ◆ IWWAN'06
- ◆ ISSSTA'06
- ◆ ITS'06
- ◆ IWSSC'06
- ◆ OpComm'06
- ◆ ICUWB'06
- ◆ ICCS'06
- ◆ 3 undecided

Post-conf repts (GC'05-ICC'06)

Pre-conf repts (ICC'06-GC'06)

## ICC'06 Wireless Communications Symposium

- ◆ ICC'06 received 2490 valid submissions and the distribution is given by

<b>Wireless Communications</b>	<b>738</b>	<b>(29.6% of ICC'06)</b>
General Conference	202	
Communication Theory	268	
Signal Processing	226	
Wir. Ad-hoc and Sensor Net.	312	
Next Gen. Mobile Networks	175	
Optical Systems and Networks	190	
Network Security and Inf. Assu.	118	
QoS, Reliability and Perf. Mod.	261	

## ICC'06 Wireless Communications Symposium

- ◆ There are 962 papers accepted (acceptance rate is ~39%), and the acceptance distribution is given by

<b>Wireless Communications</b>	<b>285</b>
General Conference	78
Communication Theory	107
Signal Processing	85
Wir. Ad-hoc and Sensor Net.	125
Next Gen. Mobile Networks	64
Optical Systems and Networks	74
Network Security and Inf. Assu.	46
QoS, Reliability and Perf. Mod	99



## ICC'06 Wireless Communications Symposium

### ◆ Symposium Co-Chairs:

- Sonia Aissa,           Universite du Quebec, Canada
- Oguz Sunay,           Koç University, Turkey
- Velio Tralli,           Università di Ferrara, Italy

### ◆ WCS paper distribution (total 738)

◆ TPC Members: 80

◆ Reviewers: 1800+ invited,

◆ Average weighted score of accepted papers: 3.3+

◆ Acceptance rate: 285/738 (39%)

◆ 54 sessions (49 regular sessions and 5 poster sessions)

## ICC'06 Wireless Communications Symposium

### ◆ 49 Sessions + 5 Posters

◆ MIMO-I  
◆ MIMO-II  
◆ MIMO-III  
◆ MIMO-IV  
◆ MIMO-V  
◆ MIMO-VI  
◆ MIMO-VII  
◆ Allocation, Control and Power Adaptation  
◆ Optimized Allocation of System Resources  
◆ Resource Allocation for Next Generation Systems  
◆ Resource Allocation for OFDM Systems  
◆ Resource Allocation with Fairness and QoS Constraints  
◆ Resource Allocation for Relay Networks  
◆ Cooperative Networks  
◆ Relay Networks  
◆ Multi-Hop Networks  
◆ Channel and Frequency Estimation for OFDM-I  
◆ Channel and Frequency Estimation for OFDM-II  
◆ OFDM Systems  
◆ OFDM System Design Issues  
◆ Receivers for UWB  
◆ Channel and Frequency Estimation for UWB  
◆ UWB System Performance  
◆ Performance Analysis of WLAN Systems  
◆ WLAN Networks  
◆ Space-Time Coding  
◆ Space-Time Transmission Schemes  
◆ CDMA-I  
◆ CDMA-II

◆ Multi-User Detection  
◆ Interference Cancellation  
◆ Modulation Schemes  
◆ Coding and Modulation  
◆ Synchronization  
◆ Quality of Service  
◆ Performance Analysis-I  
◆ Performance Analysis-II  
◆ Detection and Estimation  
◆ Opportunistic Scheduling  
◆ Scheduling of System Resources  
◆ Wireless Video  
◆ Cross-Layer Design  
◆ MIMO-OFDM-I  
◆ MIMO-OFDM-II  
◆ Wireless Internet  
◆ Receiver Structures  
◆ Wireless Multimedia  
◆ Wireless Channel  
◆ Wireless Networks  
◆ Poster-I  
◆ Poster-II  
◆ Poster-III  
◆ Poster-IV  
◆ Poster-V

## ICC 2006 Wireless Ad Hoc and Sensor Networks Symposium

### ◆ Co-Chairs

- Mohsen Guizani, Western Michigan University
- Khaled B. Letaief, HKUST
- Hamid Aghvami, Kings College
- Hsiao-Hwa Chen, National Sun-Yat Sen University

◆ **Number of submissions: 312**

◆ **Number of Accepted papers: 124**

◆ **Acceptance ratio: 40.1 %**

◆ **This symposium is the second largest of all (in terms of submissions).**

◆ **There are in total 23 sessions contributed to the final technical program.**

◆ **All reviews were done before the review due day.**

## ICC 2006 Wireless Ad Hoc and Sensor Networks Symposium

### Authors by Country (Accepted Papers)

Country	Authors	%
USA	114	31.7
Canada	54	15.0
P.R. China	40	11.1
Taiwan	25	6.9
Italy	24	6.7
Hong Kong	21	5.8
Japan	19	5.3
France	11	3.1
Australia	11	3.1
United Kingdom	7	1.9
Germany	6	1.7

Country	Authors	%
Singapore	6	1.7
Greece	5	1.4
Turkey	5	1.4
Denmark	2	0.6
Finland	2	0.6
Sweden	2	0.6
Algeria	1	0.3
The Netherlands	1	0.3
Tunisia	1	0.3
Switzerland	1	0.3
Puerto Rico	1	0.3
Kuwait	1	0.3

## GC'06 Wireless Communications and Networking Symposium

27 Nov – 1 Dec 2006, San Francisco, USA, [www.ieee-globecom.org/2006/index.html](http://www.ieee-globecom.org/2006/index.html)

- ◆ Terry Kero, Conference Chair, Myaani Inc.,  
J. J. Yea, Conference Vice-Chair, Sprint Labs
- ◆ Prof. Zhi Ding, TP Chair, U of California, Davis  
Prof. Chen-Nee Chuah, TP Vice Chair, U of California, Davis
  
- ◆ Wireless Communications Symposium Co-Chairs
  - Dr. Sastri Kota, Harris Corp
  - Prof. Shahrokh Valaee, U of Toronto
  - Dr. Boon Sain Yeo, Institute for Infocomm Research, Singapore
  - Prof. Yi Qian
  
- ◆ Sponsor
  - Technical Committee on Personal Communications
  - Radio Communication Committee
  
- ◆ 133 TPC Members
- ◆ About 2400 Reviewers

## GC'06 Wireless Communications and Networking Symposium

- ◆ Globecom'06 Total: 2554 submissions.
  
- ◆ Globecom'06 – Wireless Communications and Networking Symposium
  - Submission: 784
  - Acceptance Rate: 39% suggested by Globecom'06 Chair
  - Accepted: still under reviews
  - Accepted Papers: 15% poster presentation, 85% oral presentation

## GC'06 – Wireless Ad Hoc and Sensor Networks towards Anytime Anywhere Internetworking

### ◆ Co-Chairs

- Hussein Mouftah, University of Ottawa
- Hossam Hassanein, Queen's University
- Guoliang Xue, Arizona State University
- Raouf Boutaba, University of Waterloo

### ◆ Sponsoring committees

- TCPC
- And
  - TC AHSN Ad Hoc and Sensor Networks
  - TCII (Technical Committee on Information Infrastructure)

### ◆ TPC members – 92

### ◆ Paper Status

- Submission: 317
- Reviews due June 5<sup>th</sup>
- Acceptance: 38%
  - ~120 papers
  - 100 presentations (85%) + 20 posters



Wireless Communications Symposium at ICC 2007

24-28 June 2007, Glasgow, Scotland, UK

◆ Co-Chairs and Vice Chairs

- Zhi (Gerry) Tian, Michigan Tech University, USA
- Ruhai Wang, Lamar University, USA
- Mohammed Atiquzzaman, University of Oklahoma, USA
- Davide Dardari, University of Bologna, Italy

◆ Sponsors

- Personal Communications TC
- Radio Communications TC

◆ Web site

- <http://www.icc007.org/symposium10.htm>

Wireless Communications Symposium at ICC 2007  
24-28 June 2007, Glasgow, Scotland, UK

- ◆ Number of TPC Members
  - Confirmed number\* -- 89
    - Wireless Air Interface and Link Control - 67
    - Wireless Network and Transport - 48
    - Wireless Services and Applications – 15
  - Target load: 5 ( $\leq 7$ ) papers per TPC member
- ◆ Number of Reviewers
  - Target: 3 reviewers per paper submission
- ◆ Number of sessions - TBD
- ◆ Acceptance rate
  - Target: ~ 40% ?
- ◆ Length of paper – six pages
- ◆ Important dates:
  - Paper Manuscripts Due: 15 September 2006
  - Paper Acceptance Notification: 10 January 2007
  - Camera-Ready Manuscripts Due: 28 February 2007

\* Some TPC members have expertise in more than one research area

## ICC'07 – Wireless Ad Hoc and Sensor Networks

### ◆ Co-Chairs

- Raouf Boutaba, University of Waterloo
- Hossam Hassanein, Queen's University
- Hussein Mouftah, University of Ottawa
- Guoliang Xue, Arizona State University

### ◆ Sponsoring committees

- TCPC
- And
  - TC AHSN Ad Hoc and Sensor Networks
  - TCII (Technical Committee on Information Infrastructure)

◆ TPC members – already invited 100+ (many accepted)

◆ EDAS System is up

## Wireless Communications Symposium at Globecom 2007 Nov 26-30, 2007 – Washington DC, USA

### ◆ Technical Program co-chairs

- *Maria Luisa Merani*, University of Modena and Reggio Emilia, Italy
- *Ma Yao*, Iowa State University, USA

### ◆ Symposium historical data

- WCS Expected to receive large number of submissions

### ◆ Technical Program Committee

- Tentative list of 110 – 120 members → ready
  - ✓ to be finalized *as soon as* the conference will be set up in the EDAS system
- Formal invitation to join the Committee → ready
  - ✓ to be refined and sent *as soon as* the conference will be set up in the EDAS system

## Wireless Communications Symposium at Globecom 2007

### ◆ Call for papers

- Already available
  
- Covers the following three main areas
  - ***Wireless Communications and Enabling Technologies***
  - ***Wireless Networking and Cross-Layer Design***
  - ***Wireless Systems, Applications and Services***
- ***[http://www.ece.iastate.edu/~mayao/Publications/wcs07\\_cfp.htm](http://www.ece.iastate.edu/~mayao/Publications/wcs07_cfp.htm)***

## Future ICC's and GC's

### ◆ ICC 2008 (May 19 – May 23) – Beijing, China

#### ICC'08 WCS Chair/Co-Chairs

- Chengshan Xiao, University of Missouri-Columbia, MO, USA
- Sherman Shen, University of Waterloo, ON, CANADA
- Aylin Yener, Pennsylvania State University, PA, USA

### ◆ Globecom 2008 (1–4 Dec) – New Orleans, USA

- Ibrahim Habib

### ◆ ICC 2009 (14–18 June) – Dresden, Germany

### ◆ Globecom 2009 (30 Nov – 4 Dec) – Honolulu, Hawaii

## WCNC 2006

- ◆ 3 – 6 April 2006, Las Vegas, USA  
Collocated with CTIA Wireless 2006
  
- ◆ 915 submissions (537: PHY/MAC, 301: Networking, 77: S&A)  
396 papers accepted (43%)  
565 registrations with ~\$150K surplus
  
- ◆ Steering Committee Chair: Roberto De Marca  
TPC Program Chair: Lajos Hanzo, U. of Southampton  
Executive Committee
  - TPC VC – PHY/MAC: Dinesh Rajan, Southern Methodist University
  - TPC VC – Networking: Mooi Choo Chuah, Lehigh University
  - TPC VC – Services and Applications: Abbas Jamalipour, University of Sydney
  - Tutorials: Gordon Stuber, Georgia Tech
  - Technology/Business Applications Panels: Walter Tuttlebee, Mobile VCE
  - Local Arrangements: Halim Yanikomeroglu, Carleton U.



## 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

## PIMRC'06, Helsinki, Finland, 11-14 September 2006

- ◆ The theme for this year's PIMRC (The 17th Annual IEEE International Symposium on Personal, Indoor and Mobile Radio Communications) is "Diversity in Telecommunications"
- ◆ Full paper submission with a limit of five pages in total
- ◆ By 17 March 2006, **956** regular papers were submitted in four categories:
  - Air-interface technologies
  - Wireless networks
  - Applications and services
  - Systems and regulation
- ◆ Number of withdrawn papers: **6** (excluded from the number of submitted papers)
- ◆ Accepted papers: **565** (416 for oral presentation and 149 for poster presentation)
- ◆ Rejected papers: **391**
- ◆ Acceptance rate: **59%**
- ◆ Number of reviews in total: **2 922**
- ◆ Number of invited papers: **19**
- ◆ Technical programme will consist of 11 parallel tracks

## Organisation

### ◆ Organisers

- University of Oulu, Centre for Wireless Communications
- Helsinki University of Technology, Smart and Novel Radios Research Unit
- Tampere University of Technology, Institute of Communications Engineering
- Tekes - Finnish Funding Agency for Technology and Innovation
- Tekes GIGA Programme - Converging Networks 2005-2010

◆ **General Chair:** Dr. Yrjö Neuvo – Nokia, Finland

◆ **TPC Chair:** Prof. Matti Latva-aho – CWC, University of Oulu, Finland

### ◆ TPC Vice-Chairs and Area Coordinators

Europe: Prof. Hamid Aghvami – King's College London, UK

Asia Pacific: Prof. Shuzo Kato – Ommi Wireless, USA

Americas: Prof. Kaveh Pahlavan – Worcester Polytechnic Institute, USA

### ◆ TPC General Co-Chairs

Prof. Jari Linatti – CWC, University of Oulu, Finland

Prof. Markku Juntti – CWC, University of Oulu, Finland

Dr. Ian Oppermann – Nokia, Finland

◆ **Sponsors:** Nokia, Elektrobit, Texas Instruments, Finnair

◆ **Financial responsibility:** 50% IEEE ComSoc, 50% University of Oulu

*IEEE Wireless Communications & Networking Conference*

The logo for WCNC 2007 features a stylized white '@' symbol to the left of the text 'WCNC' in a large, bold, white sans-serif font. Below 'WCNC' is the year '2007' in a similar font. The background of the logo is a photograph of the Hong Kong skyline.

*Hong Kong*

*11-15 March 2007*

## Update

## WCNC 2007 Brief Details

- ◆ WCNC will be held in Hong Kong in 2007
  - Sheraton Hotel and Towers, Tsimshatsui, Kowloon, Hong Kong
- ◆ Sunday, 11 March to Thursday 15 March 2007
- ◆ Sunday will have half day tutorials and reception
- ◆ Monday to Wednesday will have technical sessions
  - Plenary (Monday morning)
  - Keynote (hopefully Monday night with food)
  - Banquet on Tuesday evening
  - 10 parallel sessions (9 paper and 1 panel per session)
- ◆ Thursday will have half day tutorials
- ◆ Thursday will also have optional technical tour to Huawei across the border in Shenzhen
- ◆ Web: <http://www.ieee-wcnc.org/>
- ◆ Theme: Wireless Gateway



## WCNC 2007 Brief Details

<b>Paper/Panel/Tutorial due:</b>	<b><u>Wednesday, 20th Sept 2006</u></b>
<b>Acceptance Notification:</b>	<b><u>Friday 8th December 2006</u></b>
<b>Final camera ready copy:</b>	<b><u>Friday 5th January 2007</u></b>



# Technical Committee on Personal Communications (TCPC) Meeting Organization

12 June 2006, Istanbul, Turkey

## General Chairs

Khaled Ben Letaief

*Hong Kong University of Science and Technology*

Chih-Lin I

*Hong Kong Applied Science and Technology Institute*

## Technical Program Committee

Ross Murch, *Chair*

*Hong Kong University of Science and Technology*

Sonia Aïssa, *PHY/MAC Program Chair*

*INRS-EMT, University of Québec*

Chengshan Xiao, *PHY/MAC Program Chair*

*University of Missouri*

Sherman Shen, *Networks Program Chair*

*University of Waterloo*

Hsiao-Hwa Chen, *Networks Program Chair*

*National Sun Yat-sen University*

Mohsen Guizani, *Service & Applications Program Chair*

*Western Michigan University*

Yacine Atif, *Service & Applications Program Chair*

*Massey University*

TCPC Meeting held at ICC'06

## Tutorials Chair

Leonard J. Cimini, *cimini@ece.udel.edu*

*University of Delaware*

Li Ping, *eeliping@cityu.edu.hk*

*City University of Hong Kong*

Ye (Geoffrey) Li, *liye@ece.gatech.edu*

*Georgia Institute of Technology*

## Technology & Business Panels Chairs

Andreas F. Molisch,

*Mitsubishi Electric/Lund University*

T. S. Ng,

*University of Hong Kong*

Wing Wong

*Chinese University of Hong Kong*

Qian Zhang,

*Hong Kong University of Science and Technology*

## Local Arrangement Chair

Ricky Kwok *University of Hong Kong*

## Publicity Chair

Boon Sain Yeo

*Wavex Technologies Pte Ltd*



## TPC

- ◆ Conference divided into three program tracks
  - Phy/MAC
  - Networking
  - Applications and Services
- ◆ Overall Chair and three program chairs
  - Three program TPC already setup
  - Around 200 members in total
- ◆ EDAS based paper handling system setup
- ◆ Venue/schedule can handle a minimum of 468 papers (maximum of 549)
- ◆ Expecting 900+ submissions



See you at WCNC 2007

11-15 March 2007

Hong Kong

Wireless Gateway!

## ICNEWS 2006

International Conference on Next-Generation Wireless Systems  
2-4 January 2006, Dhaka, Bangladesh

### ◆ Honorary General Chair

- Dr. Muzibul H. Khan, SAMSUNG Telecommunications America

### ◆ Steering Committee

- Prof. V. K. Bhargava, Prof. K. B. Letaief, Prof. M. Z. Win
- Prof. S. K. Das, Dr. A. F. Molisch, Prof. M. Chiani
- Dr. M. Ali, Dr. G. Mandayam, Q. Mina, SAM K. Bashar

### ◆ TPC Program Co-Chairs

- Prof. M. Saquib and Prof. E. Hossain

## ICNEWS 2006

- ◆ 132 papers submitted
  - 71 in Wireless Networking track
  - 44 in Wireless Communications track
  - 17 in Business track
- ◆ 66 papers accepted (34 in Wireless Networking Track, 17 in Wireless Communications track, and 15 in Business track) for regular presentation
- ◆ 5 papers accepted for presentation as posters
- ◆ 10 sessions (9 regular session, 1 poster session) for technical track
- ◆ 3 regular sessions for business track
- ◆ Over 200 attendants

## ICNEWS 2006

### ◆ 5 Keynote Speakers

- Professor V. K. Bhargava, The University of British Columbia, Canada
- Professor Khaled Ben Letaief, The Hong Kong University of Science and Technology, Hong Kong
- Professor Moe Z. Win, MIT, USA
- Professor Marco Chaini, University of Bologna, Italy
- Dr. Giridhar Mandayam, NOKIA, USA

### ◆ 4 Tutorials

### ◆ 3 Panel sessions

### ◆ 22 industry sponsors!!

### ◆ **Grand grand success!!!!**

## International Symposium on Wireless Pervasive Computing 2006 (ISWPC 2006)



16-18 January 2006, Phuket, Thailand

- ◆ General Chair
  - Sarawut Sujitjorn, Suranaree University of Technology, Thailand
- ◆ General Co-chair
  - Boon Sain Yeo, WaveX Technologies, Singapore
- ◆ TPC Chair
  - Rajeev Shorey, IBM India Research Laboratory, India
- ◆ TPC Co-chair
  - Mun Choon Chan, National University of Singapore, Singapore
- ◆ Organizing, Tutorial Chair and Finance Co-Chair
  - Wipawee Usaha, Suranaree University of Technology, Thailand
- ◆ Finance Chair and Organizing Co-Chair
  - Woon Hau Chin, Institute for Infocomm Research, Singapore
- ◆ Publication Chair
  - Yong Huat Chew, Institute for Infocomm Research, Singapore
- ◆ Sponsorship Chair
  - Rangsan Wongsan, Suranaree University of Technology, Thailand
- ◆ Publicity Chair
  - Rangsan Tongta, Suranaree University of Technology, Thailand
- ◆ Panel Chair
  - Chutima Prommak, Suranaree University of Technology, Thailand
- ◆ Patrons



## ISWPC 2006

- ◆ 42 TPC members
- ◆ 242 submitted papers with an acceptance ratio around 56%
- ◆ Average score of accepted papers – 3.13 out of 5
- ◆ Papers from 27 different countries
  
- ◆ 3 Plenary Speakers
  - **Professor Mario Gerla**, UCLA
    - New trend in pervasive computing: vehicular sensor platforms
  - **Professor Khaled Ben Letaief**, Hong Kong University of Science & Technology
    - Capacity Enhancement Technologies for the XG Wireless Networks
  - **Dr Hajime Nakamura**, KDDI R&D Laboratories, Inc.
    - Next-generation communications infrastructure for pervasive computing
  
- ◆ 19 technical sessions
- ◆ 1 panel



## WEMIC 2006

Wireless Euro-Mediterranean International Conference  
Amman – Jordan, 27-29 March 2006

### ◆ General Chair:

- Ahmad Abu El-Haija, JUST

### ◆ Organizing Committee:

- Mohammad M. Banat, Chair, JUST
- Mohamed-Slim Alouini, Texas A&M University
- Victor Kordas, KTH-Sweden
- Carlos E. Palau, UPV-Spain
- Juan-A. F. Rubio, UPC-Spain

### ◆ TPC Chair:

- Mohammad M. Banat, JUST



## ◆ WEMIC 2006 Accepted Papers:

- Europe, Middle East, Africa 52.5%
- Asia/Pacific 29.0%
- North America 16.1%

- ◆ TPC Members: 126
- ◆ Reviewers: 300+
- ◆ Average score of accepted papers: 3.1
- ◆ Acceptance rate: 63/118 (53.3%)

## ◆ Plenary Speakers:

- Ezio Biglieri, UPF, Spain
- Javier Fonollosa, UPC, Spain
- Gerhard Fettweis, TU-Dresden, Germany

**This conference was cancelled by the main organizer, the Jordan University of Science and Technology (JUST). Cancellation was due to organizational problems.**

## WOCN 2006

### Third International Conference on Wireless and Optical Communications Networks WOCN 2006

The Next Generation Internet, April 11, 12 and 13, 2006  
Bangalore, India

**General Chair: Professor Guy Omidyar, Omidyar-Institute, USA**  
**General co-chair: Dr. Surendra Pal, ISRO Satellite Centre, India**

**General Vice Co- Chairs:**  
**Professor K. Thyagarajan, IIT Delhi, India,**  
**Dr. Canchi Radhakrishna, KYOCERA, USA**

**Technical Program co-Chairs:**  
**Professor Pedro Cuenca, Universidad de Castilla-La Mancha, Spain**  
**Professor Muhammad Jaseemuddin, Ryerson University, Canada**  
**Professor Alok Kumar Das, Jadavpur University, India**

## WOCN 2006

- ◆ 250+ papers submitted
- ◆ 151 papers accepted
- ◆ Acceptance rate: ~60%
- ◆ Two parallel tracks with 16 sessions for two days
- ◆ Four half-a-day tutorials
- ◆ Two Panel sessions

**WOCN2007 will be organized in Singapore during 2007**

# ICTTA 2006

- ◆ <http://ICTTA.enst-bretagne.fr>
- ◆ *April 24 - 28, 2006, Omayyad Palace, Damascus, Syria*
  
- ◆ General Chair: Pr. Basel Solaiman, ENST-Br, France
  
- ◆ Technical Program Co-Chair:
  - ◆ Pr. G.Martineau, ENST-Br, France
  - ◆ Pr. R. Razouk, Univ. Damascus, Syria
  
- ◆ **IMPORTANT DATES**
  - ◆ - Abstract submission due: December 31, 2005
  - ◆ - Notification of Acceptance: January 31, 2006
  - ◆ - Final Camera Ready Papers due: March 5, 2006

## ICTTA 2006

- ◆ 1367 papers submitted
- ◆ 662 papers accepted
- ◆ 8 tracks with 2 chairs in each track
- ◆ Over 220 Reviewers
- ◆ Acceptance rate: 49%
- ◆ Over 1150 attendants
- ◆ 53 represented countries
- ◆ 3 Keynote Speakers
  - **Prof. Antonio ALABAU, *Departamento de Comunicaciones, Universidad Politécnica de Valencia, Spain***
    - Title: Telecommunications Policy. A 15 years perspective
  - **Prof. Ghais El Zein, *Institute of Electronics and Telecommunications of Rennes, France***
    - Title: Emerging Wireless Access Technologies
  - **Prof. Jean-Paul Haton, *Henri-Poincaré University, Nancy 1, France***
    - Title: Automatic Speech Recognition: state of the art

## ICTTA 2006

- ◆ 91 Oral Sessions
- ◆ 6 Poster Sessions (the first time)
- ◆ 8 Satellite Workshops
- ◆ The local organizers (ASST & NOSSTIA) have done an excellent work. All the attending persons have sent excellent appreciations
- ◆ Important decisions:
  - Initiating the creation of an IEEE Students branch in Syria
  - Starting the preparations for the third edition of ICTTA: ICTTA'08
  - Using IEEE Internet papers submission means (papers submission has doubled between ICTTA'04 and ICTTA'06)

## WTS 2006

- ◆ April 27-29, 2006 – Kellogg West Conference Center, Cal Poly Pomona, Pomona, California
- ◆ Interdisciplinary Wireless Communications Conference Co-Hosted by College of Business and College of Engineering at Cal Poly Pomona
- ◆ Co-Sponsor: IEEE Communications Society
  - Technical Co-Sponsors: INFORMS Telecommunications Section In Cooperation With ACM SIGMOBILE
  - Contributors: IEEE Communications Society Foothill and Los Angeles Chapters
- ◆ General Chair: Steven Powell, Cal Poly Pomona
- ◆ Program Committee Chair: JP Shim, Mississippi State
  - Wireless Networks & Systems (H. Zhou, So. Queensland)
  - Algorithms, Methods, Simulation & Software (H. Al-Rizzo, Univ. of Arkansas; E. Sheybani, Virginia State)
  - Wireless Technologies, & Standards (R. Hu, Mississippi State)
  - Business, Management, Security, and Policy (M. Bartolacci, Penn State)
- ◆ Over 200 Attendees
- ◆ Accepted Paper Session
  - 106 Papers Submitted
  - 35 Papers Accepted for Publication

## WTS 2006

- ◆ 35 Invited Speakers From Industry, Academia, and Government
- ◆ Keynote Speakers
  - Mike Lazaridis, Founder and Co-CEO, Research In Motion
  - Dr. Charles Elachi, Director, NASA Jet Propulsion Laboratory
- ◆ IEEE Communications Society Welcoming Dinner Speaker
  - Dr. Donald Schilling, Educator and Chairman, LINEX Technologies
- ◆ Panel Discussions:
  - Future Directions in Wireless Communications Research
  - GPS and Wireless Communications
  - Wireless Network Security
  - Mobile Wireless Communications Services and Business
  - Wireless Communications Investments
  - New Wireless Communications Ventures
- ◆ Tutorials and Workshops
  - MIMO Wireless Systems
  - Wireless Network Security
- ◆ Executive Session
- ◆ Tour & Reception at NASA Jet Propulsion Laboratory



Communications Networks and Services Research (CNSR 2006)- May 23-25,2006



◆ Conference Chair:

- Jalal Almhana, University of Moncton, Canada

◆ Technical Program Committee Chairs:

- Michel Barbeau, Carleton University, Canada
- Ahmed Kamal, Iowa State University, U.S.A.

◆ Technical Program Committee: 81

◆ Reviewers: 73

## CNSR 2006 - Paper statistics:

- Submitted papers: 81
- Accepted papers:
  - 36 full papers (44%)
  - 6 posters
- Number of reviewers per paper: 3
- Average score per accepted full paper: 3.67/5
- Average score per accepted poster: 3.61/5
- 82 people from 14 countries attended the conference



## CNSR 2006 – tutorials & keynotes

### ◆ 4 half-day tutorials:

- *Advances in Wireless Local Networks, Dr. Benny Bing*
- *Wireless Mesh Networks, Dr. Paul Ward*
- *Broadband Wireless Access – The Next Wireless Revolution, Dr. Benny Bing*
- *Radio Resource Management Techniques for QoS Provisioning in Wireless Cellular Networks, Dr. Nidal Nasser*

### ◆ Keynotes and panel:

- **2 keynotes speakers:**
  - Dr. Vijay Bhargava, University of British Columbia, Canada,
    - State of the Art and Future Trends in Wireless Communications: Advances in Physical Layer
  - Dr. Mohsen Guizani, Western Michigan University, U.S.A.
    - Security and Trust in Mobile Ad Hoc Networks
- **1 Panel**
  - Impact of Devastating Catastrophe on Telecommunication Networks



## 15th IST Mobile & Wireless Communications Summit

4 – 8 June 2006, Myconos, Greece

- ◆ **Chairman:** Prof. Emmanuel N. Protonotarios
  
- ◆ **Technical Program Chair:** Sofoklis Kyriazakos
- ◆ **Technical Program Co-Chair:** Lazaros Merakos
- ◆ **Panel Chairs:** Evangelos Gkroustiotis, Neeli Prasad
- ◆ **Tutorial Chairs:** John Soldatos, Nancy Alonistioti, George Kormentzas
- ◆ **Publicity Chairs:** Ksanthi Bersi, Albena Mihovska, Haris Kechagias
- ◆ **Workshop Chairs:** Christos Xenakis, George Karetsos, Nikos Passas
- ◆ **Exhibition Chairs:** Panos Dallas, Manos Hourdakis
- ◆ **IT Chairs:** Nikolaos Papadakis, Nikolaos Papaoulakis
  
- ◆ **Commercial Sponsors:** Cosmote, Vodafone, Ericsson, Hermes Partnership, IST Results, PRC Group - The Management House, TUI Hellas, Europcar, VoiceWeb, Netfax, Netweek

## 15th IST Mobile & Wireless Communications Summit

4 – 8 June 2006, Myconos, Greece

- ◆ 387 accepted papers
- ◆ Over 1,500 reviews (at least 3 reviews per paper)
- ◆ 41 technical sessions with a total of 189 oral presentations
- ◆ 10 poster sessions with a total of 188 poster presentations
- ◆ 8 Tutorials
- ◆ 6 Workshops
- ◆ Exhibition area hosting 24 exhibitors
- ◆ ~ 700 attendees

## IWWAN 2006, NYC, June 28-30 2006

- ◆ **IWWAN:** International Workshop on Wireless Ad Hoc and Sensor Networks
- ◆ **Focus:** Highlight the growing applications and power of ad-hoc and sensor networks in achieving ubiquitous, pervasive communications in next generation networks, including interoperation with fixed and cellular networks.
- ◆ **Hosts:** Bell Labs Lucent Technologies & Polytechnic University NYC
- ◆ **Endorsement:** IEEE TCPC & IEEE TCAHSN
- ◆ **Sponsors:** technical (IEEE ComSoc); financial (France Telecom, patron)
- ◆ **Statistics:** 81 submissions, 64 acceptances, approx 200 reviews
- ◆ **Program:** 2 tutorials (Medard & Znati), 3 keynoters (Veeravalli, Schulzrinne, Goldsmith)
- ◆ **Journal:** best 2 papers to be selected for JWCN sensor nets special issue
- ◆ **Organization:**
  - General Chair: Dr Sayan Mukherjee (Bell Labs Lucent Technologies)
  - Technical Chairs: Dr Mischa Dohler (FT), Dr Andrej Stefanov (Poly Uni)
  - TPC: approx 80 internationally recognized researchers from industry & academia
- ◆ **Forthcoming:** IEEE SECON & IEEE IWWAN will be merged from >2006

# ISSSTA 2006 - Information

## The 9th IEEE International Symposium on Spread Spectrum Techniques and Applications

August 28-31, 2006,  
Manaus Tropical Eco Resort  
& Convention Center,  
Amazon, Brazil

<http://www.isssta2006.org/>





# ISSSTA 2006 Information

- **General Chair, Paul Jean Etienne Jeszensky**
- **Vice-Chair, Marcelo S. Alencar**
- **Technical Program Chairs**
  - L. Hanzo, University of Southampton, UK.**
  - R. Kohno, Yokohama National University, Japan**
  - J. Portugheis, State University of Campinas, Brazil**
  - M. D. Yacoub, State University of Campinas, Brazil**
- **Papers submitted 190, Tutorials 4**



**+ International Telecommunications Symposium  
(ITS 2006)**

**September 3-6, Brazil  
Hotel Vila Galé  
Fortaleza, Brazil**

**<http://www.sbrt.com.br/its2006>**

# **ITS 2006**

**+ General Chair, João Cesar Mota, UFC, Brazil**

**+ Technical Program Chairs**

**Elvino S. Sousa, Univ. of Toronto, Canada**  
**Sérgio Sombra, UFC, Brazil**

**+ Papers submitted 273, Tutorials 8 (published as a book, Brasport Publishers)**

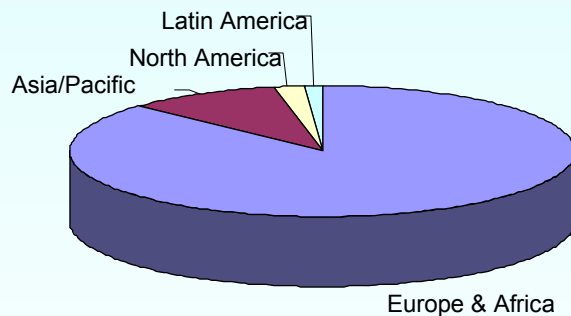
## Second International Workshop on Satellite and Space Communications 2006 (IWSSC 2006)



- ◆ The objective of this workshop is to provide a forum for researchers and technologists to present new ideas and contributions in the form of technical papers, panel discussions and tutorials of ideas in the field of satellite communications. IWSSC2006 is intended to bring together various satellite communication systems developers to discuss the current status, technical challenges, standards, fundamental issues, and future services and applications in the form of panels and tutorials.
- ◆ Workshop General Chair:
  - Giovanni Giambene, University of Siena, Italy
- ◆ Workshop Vice-Chair:
  - Boon Sain Yeo, Wavex Technologies Pte Ltd, Singapore
- ◆ Workshop TPC Chair:
  - M. Ángeles Vázquez Castro, Univ. Autònoma de Barcelona, Spain
- ◆ Sponsors: SatNEx project ([www.satnex.org](http://www.satnex.org)), Univ. Carlos III de Madrid, Spain
- ◆ Date, location and information:
  - 14th - 15th September 2006, Universidad Carlos III de Madrid, Leganés-MADRID, Spain
  - Web site: <http://iwssc2006.tsc.uc3m.es>, Email: [iwssc2006@tsc.uc3m.es](mailto:iwssc2006@tsc.uc3m.es), [giambene@unisi.it](mailto:giambene@unisi.it)
- ◆ This event is technically supported by ComSoc. It has been also endorsed by the IEEE Satellite Committee on Communications.

## Second International Workshop on Satellite and Space Communications 2006 (IWSSC 2006)

- ◆ 30 TPC members
- ◆ Number of submitted papers: 60, a quite relevant figure due to the specific subject of this workshop.



- ◆ Planned about 10 sessions (two parallel tracks) with special sessions devoted to PhD students to allow them to present their results.
- ◆ A keynote talk provided by Dr. William W. Wu ("Future Satellite & Space Communications"), 4 tutorials and a panel session have been also organized.

### ◆ Topics of interest

- Standards Status (e.g., ITU, ETSI)
- Hybrid satellite and terrestrial Networks
- Navigation Services
- Reliable Multicast Protocols
- Innovative services through satellite
- TCP Performance over Satellite
- IP on Satellite
- Routing protocols
- Onboard switching and processing technologies
- QoS Issues
- Medium access control protocols
- Cross-layer air interface design
- Handover techniques
- Call admission control schemes
- Dynamic bandwidth allocation
- Radio resource management for S-UMTS
- HSDPA via satellite
- Advances in modulation and coding
- Advances in antenna technology
- Channel models
- HAP related issues

## OpComm'2006, Berlin, Germany, September 18-19, 2006

- ◆ OpComm (First International Workshop on Operator-Assisted Wireless Mesh Community Networks) focuses on the current state of art in the field of wireless ad-hoc community networks and possible synergies with operator networks, especially in service provisioning to urban customers.
- ◆ TPC consists of researchers from both electrical engineering and computer science, from academia and operaor/industry
- ◆ One-track format with papers of length 8-10 camera-ready pages, and poster sessions about current work projects (especially from the volunteer communities that currently run wireless mesh networks)
- ◆ Financially sponsored by Humboldt-University Berlin, technically sponsored by IEEE ComSoc (TCPC), financial support by Deutsche Telekom (as grant)
- ◆ Organizers
  - General Chairs:
    - Jens-Peter Redlich, Humboldt University Berlin, Germany
    - Robert Hsieh, Deutsche Telekom Laboratories, Germany
  - TPC Chair: Zygmunt Haas, Cornell University, USA

## Statistics

- ◆ This is the first workshop
- ◆ We expect to accept 15-20 papers
- ◆ Keynotes
  - Top-Management of Operator (e.g. Telekom)
  - Wireless Mesh Community Network Activist (e.g. from Berlin)
- ◆ Invited Talks
  - Community Network Activist (Mahbub Hassan, Initiated a large project in Australia)

## ICUWB 2006 Waltham, MA

- ◆ ICUWB (International Conference on Ultrawideband) focuses on various aspects of ultrawideband communications and radar. Its topics include Antennas and Propagation, Systems and Signal Processing, Hardware Architecture and Implementation, Regulatory Issues, and UWB Applications
- ◆ Three parallel tracks, plus poster sessions. Papers can be up to 6 pages long
- ◆ Five tutorials and workshops
- ◆ Financially sponsored by IEEE MTT, technically sponsored by IEEE ComSoc, IEEE Signal Processing Society, IEEE APS, and URSI Organizers
  - General Chair: Andy Molisch, Mitsubishi Electric Research Labs and also Lund University
  - TP Chair: Moe Win, MIT



## Statistics

- ◆ Submissions: 175
- ◆ Accepted (approx. 100)
- ◆ Two invited keynotes
- ◆ Seven invited papers

## 10<sup>th</sup> IEEE International Conference on Communication Systems (ICCS 2006)

- ◆ Biennial event for IEEE Singapore Section Communications Chapter
- ◆ To be held in Singapore on 30 Oct - 2 Nov 2006
- ◆ Financially sponsored by IEEE Singapore
  - IEEE Singapore Communications Chapter (90% surplus/loss)
  - IEEE Singapore Section (10% surplus/loss)
- ◆ Organized by research staff from
  - Institute for Infocomm Research (I<sup>2</sup>R), Singapore
  - National University of Singapore (NUS), ECE Dept
- ◆ Technical sponsorship has been approved by IEEE ComSoc
- ◆ IEEE Book Broker Program has been approved
- ◆ Full Paper Submission closed on 6 Jun 2006
- ◆ Notification of Acceptance (Expected) : 31 Jul 2006
- ◆ Camera-Ready Copy : 31 Aug 2006

## ICCS 2006

### The Technical Programme

- ◆ Total number of manuscripts submitted through EDAS is 434
  - Paper review begins on 10 Jun, to be completed by 23 July
  - Currently we have 70 TPC members
  - To have 3 reviews per manuscript
  - Expected acceptance : 160 - 180 (<40%)

- ◆ Received 3 special session proposals and 6 tutorial proposals

- ◆ Breakdown of submissions in terms of technical content

- Wireless Communications : 117      Coding and information theory : 21
- Wireless Networks : 84              RF and antenna : 19
- Signal Processing for comms : 50      Speech and Image processing : 18
- Photonics and optical comms : 30      Others and pending: 100

- ◆ Breakdown in terms of countries

China	95	Japan	19	Canada	7
India	43	Korea	18	Pakistan	7
Iran	42	UK	14	Netherland	5
Singapore	39	USA	12	European (others)	18
Taiwan	29	France	9	Other	47
Australia	22	German	8		

## 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,
- **Personal 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:
  - QShine'06, August 2006, Waterloo, ON, Canada
  - MCWC'06, Sept. 2006, Amman, Jordan
  - IIT'06, Nov. 2006, Dubai, UAE
  
- ◆ ComSoc rejected the sponsorship applications of the following conferences (which were endorsed by TCPC):
  - InterSense 2006
  - ASWN 2006
  - WiMob 2006
  - WCNM 2006
  - ISWCS 2006
  - IWCMC 2006
  
- ◆ Rejections are **not** due to lack of technical strength



## 6th International Workshop on Applications and Services in Wireless Networks ASWN 2006, Berlin, Germany, May 29-32, 2006

- ◆ 80 papers submitted from 25 countries
- ◆ 29 papers accepted, each with 3 reviews
- ◆ Review handled with edas system
- ◆ No. of TPC members: 39
- ◆ Additional reviewers: 27
- ◆ 2 half day tutorials:
  - Peer-to-Peer systems and application (Eberspaecher, Kellerer, Kunzmann, Zoels)
  - IP-oriented QoS in wireless networks (Pascal Lorenz)
  - 1 invited talk on Autonomous Systems
  - 1 panel on sensors in telematics (panelists from BMW, Daimler, ETSI, NEC) led by Telenor.

## ASWN 2006, Berlin, Germany, May 29-32, 2006

- ◆ The single track program comprised of 10 sessions is available at:  
<http://www.aswn2006.org/program>

65 participants attended the conference (50 external participants - 15 from Fraunhofer FOKUS/TU Berlin)

3 papers were not presented - 2 with visa problems.

ASWN is a very valuable complement to the IEEE conferences on wireless communications as it fills the gap towards applications and services in wireless networks that are of increasing importance, but are not clearly addressed in most radio focused events. 2 half day tutorials:

## Announcements

- ◆ Next TCPC meeting: at Globecom'06 in San Francisco, CA (Nov. 2006)
  
- ◆ TCPC elections for the 2007-2008 officers
  - Process will start in Fall 2006 (call for nominations)
  - Elections will be held at the Globecom'06 meeting
  
- ◆ ComSoc elections

## Other Business

