

IEEE COMMUNICATIONS SOCIETY
Technical Committee on Personal Communications (TCPC)

Meeting held at GC 2006

San Francisco, CA, USA

Mark Hopkins Hotel
Room of the Dons

Wednesday, 29 November 2006
12:15 – 14:00

Planned Agenda

- ◆ 1. Welcome and introduction
- ◆ 2. Minutes of the previous TCPC meeting (held at ICC'06)
- ◆ 3. TCPC Recognition Awards 2006
- ◆ 4. Conference reports
- ◆ 5. TCPC Endorsement and ComSoc sponsorship policies
- ◆ 6. TCPC Election
- ◆ 7. Other business
- ◆ 8. Adjournment

Adjusted Agenda

- ◆ 1. Welcome and Introduction
- ◆ 2. TCPC Election Chaired by Prof. Roberto de Marco
- ◆ 3. TCPC Recognition Awards 2006
- ◆ 4. Conference reports
- ◆ 5. Minutes of the previous TCPC meeting (held at ICC'06)
- ◆ 6. TCPC Endorsement & ComSoc sponsorship policies
- ◆ 7. Other business
- ◆ 8. Adjournment

TCPC Election Committee Members

- 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
- Prof. Jerry Gibson, U. of California, USA

TCPC Election

◆ Candidates

* Chair: Professor Chengshan Xiao

U of Missouri

<http://www.missouri.edu/~xiaoc/>

* Vice-Chair: Professor Mohsen Guizani

United Arab Emirates U

http://www.cit2.uaeu.ac.ae/faculty/faculty_des.php?id=2809

<http://www.cs.wmich.edu/~mguizani/>

* Secretary: Professor Xuemin (Sherman) Shen

U of Waterloo

<http://bbcr.uwaterloo.ca/~xshen/>

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

2006 TCPC Recognition Award

◆ Previous Award Winners

- 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: Sept 30, 2006

- A high number of nominations received

◆ 2006 TCPC Recognition Award Committee:

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

2006 TCPC Recognition Award Winners

◆ **Prof. Vijay K. Bhargava**

University of British Columbia, CANADA

◆ **Prof. J. Roberto B. de Marca**

CETUC, Pontifical Catholic University, Rio de Janeiro, BRAZIL

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

Professor Vijay K. Bhargava

**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 2006**

**Khaled Ben Letaief
TCPC Award Committee Chair
November 2006**

**The IEEE Technical Committee on Personal Communications (TCPC)
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and for his service to the scientific and engineering communities**

**Halim Yanikomeroglu
IEEE TCPC Chair
November 2006**

**Khaled Ben Letaief
TCPC Award Committee Chair
November 2006**

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%-40% 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 GICCs).

◆ 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
 - ...

Conference Reports

TCPC-sponsored GICC symposia

- ◆ GC'06 – WCS
- ◆ GC'06 – WAHSNS
- ◆ ICC'07 – WCS
- ◆ ICC'07 – WAHSNS
- ◆ GC'07 – WCS
- ◆ ICC'08 – WCS
- ◆ ICC'08 – WNA

ComSoc Wireless Events

- ◆ WCNC'07
- ◆ PIMRC'07

Endorsed by TCPC

→ sponsored by ComSoc

- ◆ IWWAN'06
- ◆ ISSSTA'06
- ◆ ITS'06 (no report)
- ◆ IWSSC'06
- ◆ OpComm'06
- ◆ ICUWB'06 (no report)
- ◆ ICCS'06
- ◆ MCWC'06
- ◆ IIT'06

- ◆ ISWPC'07
- ◆ WTS'07
- ◆ CNSR'07
- ◆ BodyNets'07

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

Pre-conf repts (GC'06-ICC'07)

Globecom'06 – All the Symposia

◆ Globecom'06 received 2548 valid paper submissions, and the distribution is given by:

■ Wireless Communications and Networking:	784 (30.7% of Globecom'06)
■ General Conference on Emerging Technologies:	63
■ Signal Processing for Communications:	214
■ Network Security Systems:	114
■ Control and Management of High Performance Networks:	90
■ Information and Wireless Security:	37
■ Internet Services and Enabling Technologies:	52
■ Next Generation Networks:	102
■ Quality, Reliability & Performance Modelling for Emerging Network Services:	141
■ World Class Solutions – Networking the Globe:	53
■ Advanced Technologies and Protocols for Optical Networks:	145
■ Communications Theory:	278
■ Multimedia Communications:	69
■ Satellite and Space Communications:	75
■ Signal Processing and Coding for Data Storage:	28
■ Wireless Ad Hoc and Sensor Networks:	303

Globecom'06 – All the Symposia

◆ There are 992 papers accepted (acceptance rate is ~39%), and the acceptance distribution is given by

■ Wireless Communications and Networking:	314
■ General Conference on Emerging Technologies:	24
■ Signal Processing for Communications:	83
■ Network Security Systems:	44
■ Control and Management of High Performance Networks:	36
■ Information and Wireless Security:	14
■ Internet Services and Enabling Technologies:	21
■ Next Generation Networks:	40
■ Quality, Reliability & Performance Modelling for Emerging Network Services:	53
■ World Class Solutions – Networking the Globe:	21
■ Advanced Technologies and Protocols for Optical Networks:	57
■ Communications Theory:	108
■ Multimedia Communications:	27
■ Satellite and Space Communications:	29
■ Signal Processing and Coding for Data Storage:	11
■ Wireless Ad Hoc and Sensor Networks:	118

Globecom'06 – Wireless Communications and Networking Symposium

◆ Symposium Co-Chairs:

- Sastri Kota, Harris Corporation, USA
- Shahrokh Valaee, University of Toronto, Canada
- Boon Sain Yeo, Wavex Technologies Pte Ltd, Singapore
- Yi Qian, University of Puerto Rico at Mayagüez, Puerto Rico

◆ Wireless Communications and Networking Symposium paper distribution

- Submission: 784
- Accepted: 314
- Acceptance Rate: 39% suggested by Globecom'06 Chair
- Accepted Papers: 15% poster presentation, 85% oral presentation

◆ TPC Members: 133

◆ Reviewers: 2400+ invited,

◆ Acceptance rate: 314/783 (40%)

◆ 49 sessions (47 regular sessions and 2 poster sessions)

Globecom'06 – Wireless Communications and Networking Symposium

- ◆ 49 sessions (47 regular sessions and 2 poster sessions)

[WLC-01: MIMO-I](#)

[WLC-03: CDMA-I](#)

[WLC-05: Cognitive Radio](#)

[WLC-07: Multi-Hop Networks](#)

[WLC-09: Cellular Systems](#)

[WLC-11: MIMO-III](#)

[WLC-13: CDMA-III](#)

[WLC-15: Quality of Service](#)

[WLC-17: WiMax-I](#)

[WLC-19: WLAN Networks-I](#)

[WLC-21: Space-Time Coding-II](#)

[WLC-23: UWB System Performance-I](#)

[WLC-25: Resource Allocation with Fairness and QoS Constraints](#)

[WLC-27: Resource Allocation for OFDM Systems](#)

[WLC-29: WLAN Networks-III](#)

[WLC-31: MIMO-IV](#)

[WLC-33: Wireless Channel-I](#)

[WLC-35: Wireless Network Design](#)

[WLC-37: OFDM System Design Issues](#)

[WLC-39: Allocation, Control, and Power Adaptation](#)

[WLC-41: Cooperative Networks](#)

[WLC-43: Channel and Frequency Estimation for OFDM](#)

[WLC-45: Coding and Modulation](#)

[WLC-47: TCP](#)

[WLC-P1: Topics in Wireless Communications and Networks-I \(Poster\)](#)

[WLC-P2: Topics in Wireless Communications and Networks-II \(Poster\)](#)

[WLC-02: Ad Hoc and Sensor Networks](#)

[WLC-04: 3G and Beyond Systems](#)

[WLC-06: MIMO-II](#)

[WLC-08: CDMA-II](#)

[WLC-10: Performance Analysis](#)

[WLC-12: Wireless Sensor Networks](#)

[WLC-14: Handoff in Wireless Networks](#)

[WLC-16: Space-Time Coding-I](#)

[WLC-18: Channel and Frequency Estimation for UWB](#)

[WLC-20: Network and Resource Management](#)

[WLC-22: WiMax-II](#)

[WLC-24: WLAN Networks-II](#)

[WLC-26: Antenna](#)

[WLC-28: UWB System Performance-II](#)

[WLC-30: Wireless Mesh Networks](#)

[WLC-32: OFDM Systems](#)

[WLC-34: WLAN Networks-IV](#)

[WLC-36: MIMO-V](#)

[WLC-38: Wireless Channel-II](#)

[WLC-40: Wireless Network Protocols](#)

[WLC-42: MIMO-OFDM](#)

[WLC-44: Wireless Channel-III](#)

[WLC-46: Cross-Layer Design](#)

Wireless Ad Hoc and Sensor Networks (WASNet) – GC 06

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

◆ TPC members – 92

◆ Paper Status

- Submission: 306
- Acceptance:
 - 121 papers
 - 19 oral and 1 poster session

Wireless Ad Hoc and Sensor Networks (WASNet) – GC 06

WSN-01: Aggregation
WSN-02: MAC-I
WSN-03: Mobility
WSN-04: Coverage
WSN-05: MAC-II
WSN-06: Localization
WSN-07: MAC-III
WSN-08: Performance
Evaluation
WSN-09: Security
WSN-10: QoS-I
WSN-11: Cross-Layer Design

WSN-12: QoS-II
WSN-13: Routing
WSN-14: Power Control
WSN-15: Resource Allocation
WSN-16: Topology Control
WSN-17: Resource
Management
WSN-18: Survivability
WSN-19: Energy Efficiency
WSN-P1: Topics in Wireless
Ad Hoc and Sensor Networks
(Poster)

ICC'07 and Wireless Communications Symposium

- ◆ ICC'07, Glasgow, Scotland, 24-28 June 2007.
 - General Chair: Arun Sarin
 - TPC Chairs: Ivan Andonovic and John Thompson
- ◆ Wireless Communications Symposium (WCS) Co-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
- ◆ WCS Sponsors
 - Personal Communications TC
 - Radio Communications TC
- ◆ WCS Web site
 - <http://www.icc007.org/symposium10.htm>
- ◆ WCS Topics of interest
 - 77 topics listed on the website

ICC'07

- ◆ Papers submitted to various ICC'07 symposium: Total - 2615
 - General Symposium 120
 - Communications QOS, reliability and performance modelling 253
 - Communication theory 192
 - Computer and communications network security 182
 - Multimedia communications and home services 96
 - Network services and operations 111
 - Optical networks and systems 160
 - Signal processing and coding for data storage 27
 - Signal processing for communications 232
 - Wireless ad hoc and sensor networks 375
 - **Wireless communications 867 (33.2%)**

Wireless Communications Symposium

- ◆ TPC Members
 - Confirmed number 178
 - Target load: 5 (≤ 7) papers per TPC member
- ◆ Number of Reviewers
 - Each paper assigned to one TPC member who selects three reviewers
- ◆ Number of sessions - 46 oral sessions, 4 poster sessions
- ◆ Target Acceptance: Total - 356
 - 276 (oral) + 80 (poster) papers \rightarrow acceptance rate: 41%
- ◆ Important dates:
 - Reviews Due: 27 November 2006
 - Paper Acceptance Notification: 10 January 2007
 - Camera-Ready Manuscripts Due: 28 February 2007

Wireless Ad Hoc and Sensor Networks (WAS ICC 07)

◆ 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 (Technical Committee on Ad Hoc and Sensor Networks)
 - TCII (Technical Committee on Information Infrastructure)

◆ TPC members – 110

◆ Paper Status

- Submissions: 379
- Acceptance:
 - 150 papers
 - 120 oral (20 sessions) and 30 poster (1 session)
 - Notifications 2nd half of December

IEEE GlobeCom 2007

- ◆ Conf. Dates: 26-30 November 2007, Washington, DC
- ◆ **Organizers: IEEE Comsoc Society,**
- ◆ **Official website** <http://www.ieee-globecom.org/2007/>
- ◆ General Chair: Jerry T. Gibbon
- ◆ Technical Program Chair: Sherman Shen
- ◆ **Conference Program** consists of
 - General Symposium,
 - 9 Technical Symposia,
 - Tutorials and Workshops,
 - Telecom Business Forums,
 - Design and Developers
 - and a Student Program.
- ◆ **Important dates:**
 - **PAPER SUBMISSION DEADLINE:** 15 March, 2007, 12 Noon EST
 - **NOTIFICATION OF ACCEPTANCE:** 1 July, 2007, 12 Noon EST
 - **CAMERA-READY PAPER DUE:** 1 September, 2007, 12 Noon EST

IEEE GlobeCom 2007 WCS

◆ **Wireless Communications Symposium (WCS)**

◆ Sponsored by:

- IEEE Personal Communications technical committee (TCPC),
- IEEE Radio technical committee (RTC),
- IEEE Cognitive Radio technical subcommittee

◆ **Three tracks (about 50 topics covered):**

- *Wireless Communications and Enabling Technologies*
- *Wireless Networking and Cross-layer Design*
- *Wireless Systems, Applications and Services*

◆ **WCS Co-chairs:**

- Andreas F. Molisch (MERL, USA, and Lund University, Sweden, Andreas.Molisch@ieee.org)
- Maria Luisa Merani (University of Modena and Reggio Emilia, Italy, merani.marialuisa@unimore.it)
- Yao Ma (Iowa State Univ., USA, mayao@iastate.edu)
- Rajarathnam Chandramouli (SIT, USA, mouli@stevens.edu)

◆ **TPC Organization**

- A tentative list of 165 TPC members has been compiled. Invitations start and ongoing
- Expecting 800-1000 paper submissions to WCS
- Acceptance rate, About 40% (expected)
- At least 3 reviews per paper will be requested
- No. of sessions, TBA

Future ICC's and GC's

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

ICC'08 WCS Co-Chairs

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

ICC'08 WN Co-Chairs

- Romano Fantacci, University of Florence, ITALY
- Qian Zhang, Hong Kong University of Sci. & Technology, CHINA
- Andrea Giorgetti, University of Bologna, ITALY

◆ 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

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

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

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, with '2007' in a slightly smaller font below it. The background of the logo is a photograph of the Hong Kong skyline.

Hong Kong

11-15 March 2007

Update

Technical Committee on Personal Communications (TCPC) Meeting

Brief Details

29 November 2006, San Francisco, CA, USA

- ◆ WCNC will be held in Hong Kong in 2007
 - Sheraton Hotel and Towers, Tsimshatsui, Kowloon, Hong Kong
 - Peninsula Hotel, 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 (Tuesday morning)
 - Banquet on Tuesday evening
 - 16 parallel sessions (15 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

Submission Status

- ◆ Total 1721 submissions!!
- ◆ Record for WCNC!
- ◆ Conference divided into three Program tracks
 - Phy/MAC- 956 submissions vs. ICC'07 WCS 871 submissions
 - Networking- 568
 - Applications and Services- 197
- ◆ Review process complete
 - Calculating acceptance
 - 835 papers can be accepted (includes 100 posters)
 - 48.5%
- ◆ TPC membership
 - Around 400 members in total!
- ◆ EDAS based paper handling system setup

Technical Committee on Personal Communications (TCPC) Meeting Organization

29 November 2006, San Francisco, CA, USA

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

Tutorials Chair

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

University of Delaware

Li Ping, lping@cityu.edu.hk *City*

University of Hong Kong

Ye (Geoffrey) Li, lye@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

Important Dates

Technical Committee on Personal Communications (TCPC) Meeting

29 November 2006, San Francisco, CA, USA

Paper due (extended): **Tuesday, 3rd October 2006**

Reviews all due: **Wednesday 15th Nov 2006**

Globecom: **27 Nov to 1 Dec 2006**

Acceptance Notification: **Friday 8th December 2006**
(Preliminary Program also drafted)

Final camera ready copy: **Friday 5th January 2007**

Conference: **11-15 March 2007**
(Sunday-Thursday)



See you at WCNC 2007
11-15 March 2007
Hong Kong

Wireless Gateway!

PIMRC'07, Athens Hilton, 3-7 September 2007

◆ **General Chair:**

Prof. Emmanuel N. Protonotarios – National Technical University of Athens, Greece

◆ **Technical Programme Committee Chair** **Jorge Pereira – EC DG-INFOS**

◆ **Web page: <http://www.pimrc2007.org/>**

Full papers due: March 3rd, 2007

Acceptance notice: May 31st, 2007

Final manuscript due: June 16th, 2007

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

IWWAN 2006, NYC, June 28-30 2006

- ◆ **Attendance:** >110 attendees
- ◆ **Finances:** \$13,088.69 income, approx. \$11,500.00 spending
- ◆ **Tutorials:** both tutorials were very well attended (>30); were free of charge
- ◆ **Presentations:** were at high level, time for discussions, no holes in schedule
- ◆ **Best Papers (Wiley):**
 - Best Conference Paper: "Joint Network-Channel Coding for the Multiple-Access Relay Channel" by C. Hausl, P. Dupraz, Munich University of Technology, Germany.
 - Best Student Paper #1: "Eavesdropping Minimization via Transmission Power Control in Ad-Hoc Wireless Networks" by JC Kao, R. Marculescu, Carnegie Mellon University, US.
 - Best Student Paper #2: "A Statistical Model for the Evaluation of the Distribution of the Received power in Ad Hoc and Wireless Sensor Networks" by E. Salbaroli, A. Zanella, University of Bologna, Italy.
 - Best Student Paper #3: "Sensor Networks with Decentralized Binary Detection: Clustering and Lifetime" by M. Martalo, G. Ferrari, University of Parma, Italy.

ISSSTA-06



General Chair

Paul Jean Etienne Jeszensky, University of São Paulo, Brazil

Vice-Chair

Marcelo Sampaio de Alencar, University of Campina Grande, Brazil

Technical Program Committee Chairs

Jaime Portugheis, University of Campinas, Brazil

Lajos Hanzo, University of Southampton, UK

Michel Daoud Yacoub, University of Campinas, Brazil

Ryuji Kohno, Yokohama National University, Japan

ISSSTA 2006:

- 115 Conference registrants;
- 90 Full registrants;
- 25 Student registrants;
- 35 Paid non-shows;
- 34 Tutorial registrants for 3 tutorials;
- 10 No-shows (with lack of presentation);
- 21 Technical Sessions (5 of them invited), with 5 papers each;
- Submissions from 20 different countries;
- 3 Plenary Sessions (J. Wolf, S. Verdú and L. Hanzo);
- Next Venue: G. Corazza will organize the next ISSSTA-08 (Bologna-Italy).

ITS 2006

◆ **VI IEEE International Telecommunications Symposium**

September 3-6, 2006 in Fortaleza, BRAZIL

◆ **General Chair**

João Cesar Moura Mota – Federal University of Ceará, Brazil

◆ **Technical Chairs**

A. Sérgio B. Sombra - Federal University of Ceará, Brazil

Elvino Souza – University of Toronto, Canada

◆ **Local Organisers**

Roberta Cavalcante - Ikone Eventos, Brazil

◆ **53 TPC members**

◆ Details: <http://www.its2006.org.br>

ITS 2006

- ◆ This is the sixth workshop of a series of four-annual events
- ◆ Statistics:
 - 273 papers submitted
 - 192 Papers accepted
 - Acceptance rate ~ 70%
 - International: North America > Europe > China, India > Australia
- ◆ 4 Keynotes:
 - SecurePhone Project: Secure contracts signed by mobile phone
 - Bernadette Dorizzi (Inst. National des Télécommunications, France)
 - Nonlinear Wave Propagation in continuous, discrete and ultradiscrete systems
 - Junkichi Satsuma (University of Tokyo, Japan)
 - 3G Evolution – Radio Access
 - Mikael Höök (Manager of Radio Access Technologies, Ericsson Rsearch, Sweden)
 - WiMAX – Delivering Impossible or Predicted Evolution?
 - Garik Markarian (Univ. of Leeds, UK)
- ◆ ~250 attendees

ITS 2006

35 Technical Sessions:

1. Wireless communications
2. Adaptive systems
3. Optical communications
4. Signal processing
5. Modeling and simulation
6. Networks and communications
7. Internet
8. Optoelectronics and photonics
9. Etc

+ 2 special sessions on: Quantum Communications and Biometrics

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



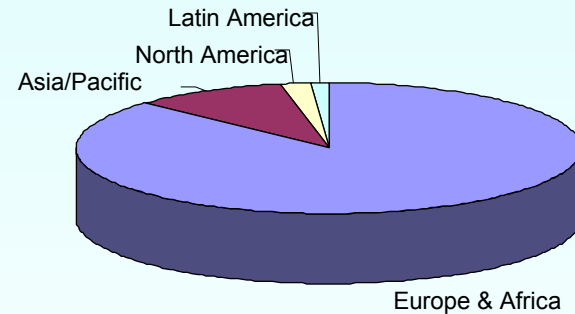
- ◆ The objective of this workshop was to provide a forum for researchers and technologists to present new ideas and contributions in the form of technical papers, panel discussions and tutorials of ideas in the field of satellite communications. IWSSC2006 was intended to bring together various satellite 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 and General vice-Chair:
 - Giovanni Giambene, University of Siena, Italy
 - Boon Sain Yeo, Wavex Technologies Pte Ltd, Singapore
- ◆ Workshop TPC Chair and TPC co-Chairs:
 - M. Ángeles Vázquez Castro, Univ. Autònoma de Barcelona, Spain
 - Michel Bousquet, SUPAERO, Toulouse, France
 - Sastri Kota, Harris Corporation, USA
- ◆ Sponsors: SatNEx FP6 EU project (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>
- ◆ This event was technically supported by ComSoc. It was also endorsed by the IEEE Satellite Committee on Communications.

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

◆ 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

- ◆ 30 TPC members
- ◆ Number of submitted papers: 68, a quite relevant figure due to the specific subject of this workshop.



- ◆ In the review process we secured three independent reviews per paper.
- ◆ The acceptance rate resulted of 65%.
- ◆ We had 15 sessions 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"), a plenary talk, 4 tutorials and a panel session were also organized.
- ◆ Totally, we had more than 90 attendees.

OpComm 2006

◆ **The First International Workshop on Operator-assisted (Wireless Mesh) Community Networks**

September 18-19, 2006 in Berlin, GERMANY

◆ **General Chairs**

Jens-Peter Redlich - Humboldt University, Berlin, Germany

Robert Hsieh - Deutsche Telekom Laboratories, Germany

◆ **Technical Chair**

Zygmunt Hass - Cornell University, USA

◆ **Local Organisers**

Veronika Lau - Deutsche Telekom Laboratories, Germany

◆ **28 TPC members**

◆ **Details: <http://sar.informatik.hu-berlin.de/opcomm2006>**

OpComm 2006

- ◆ This is the first workshop of a series (will likely be continued)
- ◆ Statistics:
 - 41 papers submitted
 - 16 Papers accepted
 - Acceptance rate < 40%
 - International: Hawaii > North America > Europe > China, India > Australia
- ◆ 2 Keynotes:
 - Mobile Operators & Community Networks
 - Hossein Moiin (VP Technical Strategy, T-Mobile International, UK)
 - Evolution of Future Networks, Requirements and Outlook
 - Peter Möckel (Managing Director of Telekom Laboratories, Germany)
- ◆ 2 Invited Talks:
 - Real-time Traffic Light Control over Wireless Mesh Networks - The Sydney Testbed
 - Mahbub Hassan (University of New South Wales, Australia)
 - Freifunk.de experience report
 - Sven-Ola Tücke, Sven Wagner, Marek Lindner (Freifunk, Germany)
- ◆ ~80 attendees

OpComm 2006

5 Sessions:

1. QoS for Continuous Media
 - 3 papers presented
 2. Security
 - 3 papers presented
 3. MAC Performance
 - 3 papers presented
 4. Network Support Protocols
 - 3 papers presented
 5. Testbed and Experience
 - 4 papers presented
- } Day 1
- } Day 2

+ 1 project report (Berlin's Freifunk Community: City-wide wireless mesh community network in Berlin with > 500 nodes)

ICUWB 2006

- ◆ **Dates:** Sept. 24-27
- ◆ **Venue:** Westin Hotel, Waltham, MA, USA
- ◆ **Technical Co-Sponsors:**
IEEE Signal Processing Society
IEEE Communications Society, etc.

Organizing Committee:

- **General Chair:** Andreas F. Molisch
- **Tech. Program Chair:** Moe Z. Win
- **54 TPC Members**

◆ Two plenary speakers

- Robert A. Scholtz:

- *Recent Results and Challenges in Ultra-Wide Bandwidth Radio Systems*

- H. Vincent Poor

- *Energy and Bandwidth in Wideband Systems*

◆ Panel Discussion

- Current and Future UWB Systems: Needs, Expectations, and Resources

Registration Statistics

- ◆ Total number of Registrants: 219 (52 of those complementary)
- ◆ Tutorial and Workshop registrations:
 - The Art and Science of UWB Antennas 11
 - UWB: From Concept to Reality 15
 - IEEE 802.15.4a and Related Research Activities 25
 - Signal Processing for Transmitted-Reference UWB Systems 15
- ◆ Papers
 - Initial submissions 178
 - Papers accepted 98

10th IEEE International Conference on Communication Systems (ICCS 2006)

- ◆ Biennial event for IEEE Singapore Section Communications Chapter
- ◆ Financially sponsored by IEEE Singapore
 - IEEE Singapore Communications Chapter (90% surplus/loss)
 - IEEE Singapore Section (10% surplus/loss)
- ◆ Co-organized by research staff from
 - Institute for Infocomm Research (I²R), Singapore
 - National University of Singapore (NUS), ECE Dept, Singapore
- ◆ Event successfully held in Singapore on 30 Oct - 1 Nov 2006
- ◆ Total number of manuscripts submitted through EDAS is 434
 - 17 International advisory board members.
 - 104 TPC members involved in the reviewing process.
 - 90% of the papers have at least 3 independent reviews per manuscript. All papers have at least with 2 independent reviews.
 - Accepted for oral presentation 147, poster presentation 38. A total of 185 which corresponding to an acceptance rate of 42%.
 - Details still available in conference website www.i2r.a-star.edu.sg/iccs2006

ICCS 2006

Technical Programme

- ◆ Keynote speech was presented by Dr Shingo Ohmori. He is the vice president and member of the board of the National Institute of Information and Communications Technology (NICT), Japan.
- ◆ 28 technical presentation sessions and a 2-hour poster presentation session.
- ◆ 2 out of the 3 special sessions submissions were selected.
 - Grid optical networks and applications
 - Resource-constrained DSP hardware for digital communication applications
- ◆ 4 out of the 7 submissions were selected with a total of about 65 participants
 - Iterative receiver design
 - Emerging wireless standards for WRAN, WiFi, WiMedia and ZigBee
 - WiMax systems and mesh networks
 - Wireless sensor networks- Research vs reality
- ◆ Breakdown in terms of countries

Singapore	26	USA	8
China	22	UK	7
Japan	18	Canada	6
Australia	17	France	5
Taiwan	13	German	5
Korea	11	Other European countries	11
Iran	10	Others	17
India	9		

MCWC 2006

Mobile Computing and Wireless Communications International Conference
Amman – Jordan, 17-20 September 2006

This conference was held at Hotel Jerusalem International.

◆ General Chair:

- Mohammad M. Banat, JUST, Jordan

◆ Organizing Committee:

- Mohammad M. Banat, Chair, JUST, Jordan
- Jaser Mahasneh, Mosharaka, Jordan
- Carlos E. Palau, UPV, Spain
- Mohamed Nezami, PSUT, Jordan
- Iyad Al Khatib, KTH, Sweden

◆ TPC Chair:

- Mohammad M. Banat, JUST

◆ MCWC 2006 Authors of Accepted Papers:

- Europe, Middle East, Africa 70.3%
- Asia/Pacific 20.7%
- Latin America 4.1%
- North America 2.1%
- Other 2.8%

- ◆ TPC Members: 82
- ◆ Reviewers: 203
- ◆ Average score of accepted papers: 3.1/5.0
- ◆ Acceptance rate: 62/114 (54.4%)

◆ Plenary:

- Speaker: Asrar U. H. Sheikh, Rector, Foundation University, Pakistan
- Title: Milestones in Communications

Innovation in Information Technology: IIT 2006

- ◆ IIT 2006: Nov. 19-21, 2006, Dubai, UAE
- ◆ <http://www.it-innovations.ae/>
- ◆ 304 papers submitted
- ◆ 145 papers accepted
- ◆ Each paper was reviewed by at least 3 reviewers
- ◆ 3 Tutorials and one Panel Session
- ◆ Keynote Speakers: Dr. Peter Freeman, Asst. Director, US NSF and Mr. Bill Thomas, Executive VP of EDS.
- ◆ More than 200 people attended
- ◆ All local students and faculty members attended Tutorials and Technical Sessions for free
- ◆ Great support from the local industry

International Symposium on Wireless Pervasive Computing 2007 (ISWPC 2007)

5-7 February 2007, San Juan, Puerto Rico

◆ General Chair

- Yi Qian, University of Puerto Rico at Mayagüez, Puerto Rico

◆ General Co-Chairs

- Boon Sain Yeo, WaveX Technologies, Singapore
- Woon Hau Chin, Institute for Infocomm Research, Singapore

◆ TPC Chair

- Sastri Kota, Harris Corporation, USA

◆ TPC Co-Chairs

- Giovanni Giambene, University of Siena , Italy
- Kejie Lu, University of Puerto Rico at Mayagüez, Puerto Rico

◆ Publicity Co-Chairs

- Miguel A. Labrador, University of South Florida , USA
- Wipawee Usaha, Suranaree University of Technology, Thailand

◆ Tutorial Chair

- Xiaoyan Hong, The University of Alabama , USA

◆ Patrons



universidad de puerto rico



Recinto Universitario de Mayagüez

International Symposium on Wireless Pervasive Computing 2007 (ISWPC 2007)

- ◆ 49 TPC members
- ◆ 209 submitted papers:
 - 90 accepted for oral presentations
 - 42 accepted for poster presentations
 - Average score of accepted papers: 3.2 out of 5

- ◆ 3 Plenary Speakers
 - **Dr. Victor Bahl**, Microsoft Research
 - Wireless Networks – What's Next?
 - **Professor Kaveh Pahlavan**, Worcester Polytechnic Institute
 - RF Localization and Internet of Things
 - **Professor Sajal K. Das**, The University of Texas at Arlington
 - Context Modeling in Smart Environments: A Perspective from Pervasive Computing

- ◆ 1 Panel
- ◆ 1 Workshop

Wireless Telecommunication Symposium (WTS 2007)

- ◆ April 26-28, 2007 – Kellogg West Conference Center, California State Polytechnic University - Pomona, Pomona, California
- ◆ Co-Sponsor: IEEE Communications Society
- ◆ Technical Co-Sponsors: INFORMS Technical Section on Telecommunications and, possibly, in cooperation with ACM SIGMOBILE
- ◆ Contributors: Foothill & Los Angeles Communications Society Chapters
- ◆ General Chair: Steven Powell, California State Polytechnic University.- Pomona
- ◆ Program Committee Co-Chair; JP Shim, Mississippi State University
- ◆ WTS 2007 Program Committee Co-Chairs:
 - Michael Bartolacci, Penn State University
 - Katia Passerini, New Jersey Institute of Technology

WTS 2007 Program

- ◆ Accepted Paper Session
 - January 7, 2007 Submission deadline
 - 100-150 Papers Expected
 - 100-200 Reviewers Planned
 - Expected Acceptance Ratio: 40%
 - Mobile Communications & Wireless Networking Tracks: Technology; Standards; Security; Algorithms; Military & Satellite; Services & Business; Global Issues & Policy
- ◆ Panel Discussions/Tutorials/Workshops
 - Future Research Directions; Wireless Network Security; Satellite Communications; Military Applications; RFID; New Ventures; Wireless Communications Investments, Mobile Services and Business; Space Communications (?)
- ◆ Executive Session and Keynote Speakers
- ◆ Tour & Reception at Hollywood Movie Studio

CNSR 2007, Fredericton, New Brunswick, Canada, May 14-17

Communication Networks and Services Research Conference

◆ Technical Sponsors

- IEEE Communications Society, Technical Co-sponsorship
 - Committee Cluster on Vertical Issues in Communication Systems
 - Technical Committee on Transmission, Access and Optical Systems
 - Technical Committee on Personal Communications
- Association for Computing Machinery, In Co-operation Status

◆ David D. Falconer, Carleton University, Honourary Conference Chair

◆ Norm Lo, Research In Motion, Ltd., Keynote

◆ Gregory J. Pottie, UCLA, Keynote

◆ Conference Website: <http://www.cnsr.info/cnsr2007/>

◆ TPC members: 74, as of November 20, 2006

◆ Paper Submission Deadline: January 5, 2007

CNSR 2007, Fredericton, New Brunswick, Canada, May 14-17

◆ Organizers:

- Brent R. Petersen, University of New Brunswick, Conference General Chair
- John M. DeDourek, University of New Brunswick, Conference Program Chair
- Bruce G. Colpitts, UNB, Technical Program Co-chair
- Aladdin Saleh, Bell Canada, Technical Program Co-chair
- Mary E. Kaye, Conference Tutorial Chair
- Nidal Nasser, University of Guelph, Conference Publicity Co-chair
- Susumu Yoshida, Kyoto University, Conference Publicity Co-chair

- Jalal Almhana, Université de Moncton
- Zhizhang (David) Chen, Dalhousie University
- Ali A. Ghorbani, University of New Brunswick
- Jacek Ilow, Dalhousie University
- Bernd J. Kurz, University of New Brunswick
- Bradford G. Nickerson, University of New Brunswick
 - CNSR 2007 Steering Committee

◆ Poster: <http://www.cnsr.info/cnsr2007/posters/cnsr2007-data-projector.pdf>

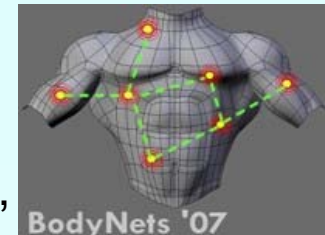
CNSR 2007, Fredericton, New Brunswick, Canada, May 14-17

Technical Topics

- ◆ Ad Hoc Networks
- ◆ Adaptive Web Systems
- ◆ Antenna Systems
- ◆ Architectures for Voice/Data Services
- ◆ Broadband Wireless Networks
- ◆ Communication Algorithms
- ◆ Communication Systems
- ◆ Critical Infrastructure Protection
- ◆ Data Mining
- ◆ Digital Broadcast Technologies
- ◆ Emerging Communication Technologies
- ◆ Emerging Web Technologies
- ◆ Intelligent Transceiving Architectures
- ◆ Intrusion Detection Systems
- ◆ Mobility in Communication Systems
- ◆ Network Management
- ◆ Network Security
- ◆ Optical Networks
- ◆ Orthogonal Frequency Division Multiplexing
- ◆ Protocol Design
- ◆ Quality of Service in Communication Systems
- ◆ Radio Propagation
- ◆ Sensor Networks
- ◆ Signal Processing for Communications
- ◆ Software Radio
- ◆ Space-Time Coding and Decoding
- ◆ Traffic Engineering and Modelling
- ◆ Ultra-Wide Band
- ◆ Voice Over IP
- ◆ Web Information Management
- ◆ Web Services
- ◆ Wireless Security

BodyNets 2007, 2nd International Conference on Body Area Networks

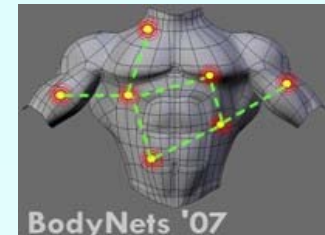
- ◆ 11-13 June, 2007, Florence (Italy)
- ◆ General Chair: Prof. Romano Fantacci, University of Florence,
- ◆ Focus



- Although originally conceived for wide area environment or process monitoring, Wireless Sensor Networks (WSNs) are increasingly being used in human computer interaction, gaming, and interactive digital art; therefore several challenging issues need to be addressed, in particular technological scaling, wireless communication and networking, sensor data processing and presentation.
- The conference is addressed the following technical and application issues:
 - **Wireless Communication and Networking Protocols**
 - **Applications**
 - **Server side information processing:**
 - **Middleware**
 - **Quality of service, security and fault-tolerance issues**
 - **Enabling technologies**
 - **In Network information processing**

BodyNets 2007, 2nd International Conference on Body Area Networks

- **Tools and test beds**
- **Performance evaluation**
- **Internetworking with heterogeneous networks**



◆ Review process

- Reviewers and TPC members will review the papers. All papers will receive at least two, possibly three, independent reviews. TPC members will be responsible for the final accept/reject decision. Decisions are binary, i.e. no revise and resubmit ratings will be given.
- Submission typologies:
 - **Full paper** up to 8 pages
 - **Short papers** up to 2 pages

◆ Important Deadlines

- Full paper due: January 17, 2007
- Notification of Acceptance: March 12, 2007
- Final version due: April 11, 2007

◆ www.bodynets.org

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:
 - BodyNets'07, June 2007, Florence, Italy
 - WOCN'07, July 2007, Singapore
 - QShine'07, August 2007, Vancouver, BC, Canada
 - IWSSC'07, September 2007, Salzburg, Austria
 - ISWCS'07, October 2007, Trondheim, Norway

- ◆ ComSoc rejected the sponsorship applications of the following conferences (which were endorsed by TCPC):
 - ISWCS 2006
 - IWCMC 2006
 - QShine'06
 - EW'07

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

Minutes of TCPC meeting held at ICC'06

- ◆ Monday, 12 June 2006, Hilton Hotel, Istanbul, TURKEY
- ◆ Chair: Halim Yanikomeroglu (TCPC Chair)
- ◆ Attendees: ~60

- ◆ Introduction and welcome
- ◆ Approval of TCPC meeting minutes held at GC'05 (St. Louis, MO, USA)
- ◆ Conference reports
- ◆ Discussion on TCPC endorsements
- ◆ Announcements (TCPC awards and Elections, ComSoc elections)
- ◆ Adjournment

GITC Updates

- ◆ Future Globecom and ICC conferences to have stable symposia:
 1. General Conference
 2. Communication Theory
 3. Signal Processing
 4. Communication Software and Services
 5. Optical Networks,
 6. Performance Modeling, QoS,
 7. Wireless Communications
 8. Wireless Networking
 9. Ad-Hoc and Sensor Networks
 10. Next Generation Network & Internet,
 11. Communication and Information Security (under consideration)

Announcements

- ◆ Next TCPC meeting: at ICC'07 in Glasgow, Scotland, UK (June 2007)

Other Business

- ◆ ...