

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

Meeting held at GC 2005

St. Louis – Missouri – USA

America's Center  
Room 227

Tuesday, November 29, 2005  
18:00 – 19:30

## Agenda

- ◆ 1. Welcome
- ◆ 2. TCPC 2005 Report
- ◆ 3. Minutes of the previous TCPC meeting (held at ICC'04)
- ◆ 4. TCPC Recognition Awards 2005
- ◆ 5. Conference reports
- ◆ 6. TCPC Endorsement and ComSoc Sponsorship Policies
- ◆ 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 600+ 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" in ICC'06, Globecom'06, and ICC'07).

### ◆ 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 Vice-Chair.

## 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 ICC'05

- ◆ Tuesday, 17 May 2005, COEX Intercontinental Hotel, Seoul, Korea
- ◆ Chair: Halim Yanikomeroglu (TCPC Chair)
- ◆ Attendees: ~35

Marcelo S. Alencar, J. Roberto B. De Marca, Ibrahim Korpeoglu, Yao Ma, Ying-Chang Liang, Ben Liang, Vincent Wong, Saeed Gazor, A. Nallanathan, Abbas Jamalipour, Hsihohwa Chen, Romano Fantacci, Anthony Soong, Khaled Ben Letaief, Vijay Bhargava, Zhi Tian, Mohammed Atiquzzaman, Harsha Sirisena, Cedric Westpahal, Zaher Dawy, Hossam Hassanein, Ruhai Wang, Pascal Lorenz, Maria Lusisa Merani, Boon Sain Yeo, Giovanni Giambene, Yong Huat Chew, Kui Wu, Xavier Perez Costa, Fei Peng, Halim Yanikomeroglu

- ◆ Introduction and welcome
- ◆ Approval of TCPC meeting minutes held at ICC'04 (Paris)
- ◆ 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

- ◆ **Dr. Justin C-I Chuang, Broadcom, USA**
- ◆ **Prof. Hamid Aghvami, King's College, London, UK**  
(will receive his award at ICC'06)

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

**Dr. JUSTIN CHUANG**

**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 directly involved

- ◆ GC'05 – WCS
- ◆ ICC'06 – WCS
- ◆ ICC'06 – WAHSNS
- ◆ GC'06 – WCS
- ◆ GC'06 – WAHSNS
- ◆ ICC'07 – WCS
- ◆ ICC'07 – WAHSNS

### ComSoc Wireless Events

- ◆ PIMRC'05
- ◆ WCNC'06

## Endorsed by TCPC

→ sponsored by ComSoc

- ◆ ICCCAS'05
- ◆ WirelessCom'05
- ◆ IST Mobile Summit'05
- ◆ ASWN'05
- ◆ WiMob'05
- ◆ QShine'05
- ◆ ISWCS'05
- ◆ WCNM'05

- ◆ ISWSN'05
- ◆ ICNEWS'06
- ◆ ISWPC'06
- ◆ WEMIC'06
- ◆ WOCN'06
- ◆ ICTTA'06
- ◆ WTS'06
- ◆ CNSR'06

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

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

X

## Globecom 2005

- ◆ Location: Renaissance Grand Hotel, St. Louis, Missouri, USA,
- ◆ Time: Nov. 28 – Dec. 2, 2005
- ◆ Website: <http://www.globecom2005.com>
  
- ◆ General Chair: Ann Miller
- ◆ Technical Program Chair: Steve Watkins
  
- ◆ Globecom'05 received 1726 submissions and the distribution is given by
  - Wireless Communications**                      **659** (38% of Globecom'05)
  - General Conference                              277
  - Communication Theory                          225
  - Signal Processing                                151
  - Adv. Networks & Internet                      119
  - Autonomic Internet                              102
  - Photonic Technology                          101
  - Computer & Network Security              89

## Globecom 2005

735 papers accepted (acceptance rate is ~43%)

Wireless Communications	291
General Conference	113
Communication Theory	94
Signal Processing	62
Adv. Networks & Internet	46
Autonomic Internet	45
Photonic Technology	44
Computer & Network Security	40



## GC'05 Wireless Communications Symposium

### ◆ Symposium Chair:

- Abbas Jamalipour, University of Sydney, Australia

### ◆ Symposium Co-chairs:

- Chengshan Xiao, University of Missouri-Columbia
- Mostofa Howlader, University of Tennessee
- Nirwan Ansari, New Jersey Institute of Technology

◆ TPC Members: 90

◆ Reviewers: 1000+,

◆ Average score of accepted papers: 3.2/3.3

◆ Acceptance rate: 291/659 (44.16%)

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

## GC'05 Wireless Communications Symposium (cont'd)

### ◆ 49 Sessions

- Wireless Communications Posters 1, 2
- Ad hoc Networks I, II, III,
- Cellular Networks I, II, III,
- Wireless LAN Services
- OFDM I, II, III,
- MIMO I, II, III, IV,
- Applications of Ad hoc and Sensor Networks
- Topics in Mobile Internet
- Sensor Networks I, II, III,
- Wireless LAN I, II, III,
- Space-Time Coding I, II, III,
- Ad hoc and Wireless Networks I, II, III, IV
- CDMA I, II,
- Satellite Networks
- Wireless Network Services
- Wireless Internet I, II, III
- Interference Cancellation
- Recent Advances I, II, III
- UWB I, II
- Queuing and Scheduling
- Performance Analysis I, II
- Resource Management and Allocation
- MIMO-OFDM

## ICC'06 Wireless Communications Symposium

Istanbul, Turkey, 11-15 June 2006, [www.icc2006.org](http://www.icc2006.org)

- ◆ TCPC: Prof. Sonia Aissa, University of Quebec, Canada  
Prof. Oguz Sunay, Koc University, Turkey
- RCC: Prof. Velio Tralli, Universita di Ferrara, Italy,
  
- ◆ No. of TPC Members: 82 (79 active)
- ◆ No. of Reviewers: >1800 invited
- ◆ No. of submitted papers: 749
  - 9 withdrawn (duplicates, ...) → 740
- ◆ Final decisions begin made
- ◆ Acceptance rate: 33%

## 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

### ◆ Sponsor

- TCPC

◆ No. of TPC Members: 122

◆ No. of Submission: 313 (active)

◆ No. of Reviewers: 1267

◆ No. of sessions: TBD

◆ Acceptance rate: TBD

◆ All Reviews were done by Nov. 15.

## GC'06 Wireless Communications 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
- ◆ No. of TPC Members, 105
- ◆ Expected no. of papers, 500+
- ◆ No. of Reviewers, expected 1500+

## 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

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

### ◆ TPC members – 85+ confirmed so far

## WCS—ICC 2007

24-28 June 2007, Glasgow, Scotland, UK – [www.icc2007.org](http://www.icc2007.org)

TPC Co-Chairs: Prof. Ivan Andonovic and Prof. John Thompson

### ◆ 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

### ◆ Number of TPC Members\* -- 99 confirmed

- Wireless Air Interface and Link Control - 67
- Wireless Network and Transport - 48
- Wireless Services and Applications - 15

### ◆ Number of Reviewers

- Target: 3 reviewers per paper submission

### ◆ Number of sessions - TBD

### ◆ Acceptance rate

- Target: ~ 40% ?

### ◆ Issues to be discussed

- Will it be possible to refer papers which may not fit the Wireless Symposium to other symposiums?



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

### ◆ Co-Chairs

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

### ◆ Sponsoring committees

- Sub TC AHSN Ad Hoc and Sensor Networks
- TCPC

## Future ICC's and GC's

- ◆ Globecom 2007 (Nov 26-30) – Washington DC, USA
- ◆ ICC 2008 – Beijing, China
- ◆ Globecom 2008 (Nov 30 - Dec 4) – New Orleans, USA
- ◆ ICC 2009 (14-18 June) – Dresden, Germany
- ◆ Globecom 2009 – South Africa ?

## PIMRC 2005

- ◆ Report by Bernhard H. Walke, Communication Networks  
RWTH Aachen University, Germany
- ◆ **PIMRC venue:** International Congress Center (ICC), Berlin,  
Germany
- ◆ **Close to 700 registrations “the largest participation in PIMRC  
ever, so far”**
- ◆ **One registration per paper requested**
- ◆ **Conference Services:**  
VDE (Association of German Electrical, Electronic and Information  
Engineers)  
<Rupert Rompel>vde-conferences@vde.com
- ◆ **Homepage:** <http://www.PIMRC2005.org>
- ◆ **EDAS** system used for paper handling
- ◆ **Scientific (TPC) responsibility:**
  - RWTH Aachen University, ComNets,

## PIMRC 2005

### ◆ **Technical Programme Co-Chairs:**

- Bernhard Walke, RWTH Aachen University, Germany (Speaker)
- Klaus David, University of Kassel, Germany
- Martin Haardt, Ilmenau Univ. of Technology, Germany
- Petri Mähönen, RWTH Aachen University, Germany

### ◆ **Tutorial chairs:**

- Carmelita Goerg, University of Bremen, Germany
- Gerhard Fettweis, Dresden University
- Martin Haardt, University of Technology, Ilmenau, Germany

### ◆ **Invited Paper chairs:**

- Raj Ganesh, Qualcomm, USA
- Sastri Kota, Harris Corporation, USA
- Kaveh Pahlavan, Worcester Polyt. Institute, USA

## PIMRC 2005

### ◆ **Panel sessions chair:**

Jorge Pereira, European Commission, Belgium

### ◆ **Organisation/Secretariat:**

- Hatice Altintas and Rupert Rompel, VDE
- Tim Irnich and Lars Berlemann, ComNets, RWTH Aachen University

### ◆ **Publications:**

VDE-Verlag (contact: Rupert Rompel)

### ◆ **Treasurers:**

- Volker Schanz, VDE/ITG
- Debora Goldstein (Kingston), IEEE

### ◆ **Others:**

- 18 persons support staff on-site
- Ramon Agusti & Sallent Oriol (consulting)

## PIMRC 2005

### ◆ **Pre-Conference Paper Mail-In Service:**

- Registered participants were invited to name up to 20 papers to be e-mailed to them prior to the conference
- Motivation: increase delegates' ability to discuss with presenters
- Incredibly positive feedback: ~100 delegates used the service, ~1800 paper copies have been sent out before the conference

### ◆ **On-demand Paper Printing Service:**

- Paper printouts may be ordered by delegates on-demand
- Five printouts are complimentary, further copies are 50 Cents each

### ◆ **Focused Sessions** to present the current status of research and specification of future Mobile Radio Systems, e.g.,

- China: Future Project 863, CCSA-CWTS
- Europe: "Beyond 3rd Generation" project
- World: IEEE Project 802
- Americas: IETF/FCC/TIA/DARPA
- Korea: NGMF, ETRI, CJK, WiBro, etc.

### ◆ **Special Sessions** on specific hot topics prepared by special session organizer volunteers

## PIMRC 2005

- ◆ Total # of papers submitted: 892
- ◆ 2-Layered Review process:
  - 152 TPC members did 5-7 TPC reviews each
  - Each TPC member had to organize two additional reviews per paper
  - in total 1184 reviewers active for PIMRC 2005
  - 2604 reviews in total
- ◆ 475 oral presentations (54 % acceptance rate)
- ◆ 70 poster presentations
- ◆ 24 Invited Papers
- ◆ 6 plenary presentations
- ◆ 39 papers withdrawn by authors
- ◆ 3 Tutorials attracted  $\leq 10$  participants (out of 13 tutorials offered for subscription)

Three Best Paper Awards granted



## PIMRC 2005

◆ Austria:	2
◆ Australia:	17
◆ Belgium:	3
◆ Canada:	17
◆ Switzerland:	2
◆ Cyprus:	1
◆ Chzech republic:	2
◆ Germany:	128
◆ Quatar:	1
◆ Denmark:	6
◆ Spain:	17
◆ France:	40
◆ Finland:	46
◆ United Kingdom:	45
◆ Greece:	15
◆ Hungary:	2
◆ Honkong:	9
◆ Italy:	19
◆ Israel:	1
◆ India:	5
◆ Iran:	7

## PIMRC 2005

◆ Ireland:	4
◆ Japan:	76
◆ Korea:	24
◆ Saudi Arabia:	1
◆ Morocco:	1
◆ Malaysia:	1
◆ Norway:	3
◆ The Netherlands:	4
◆ Portugal:	7
◆ Poland:	5
◆ Taiwan:	17
◆ Lebanon:	2
◆ Russia:	2
◆ Sweden:	15
◆ Singapore:	14
◆ Tunisia:	3
◆ Turkey:	4
◆ USA:	54
◆ China:	60
◆ Nigeria:	2
◆ Yugoslavia:	2 etc...

## PIMRC 2005

◆	REVENUES	424.675 €
◆	Registration fees	375.675 €
◆	Tutorials	8.500 €
◆	Sponsors	40.500 €
◆	Food and beverage	-
◆	Banquet	-
◆	EXPENSES	385.060 €
◆	Management	70.720 €
◆	Secretariat personnel, On site personnel	
◆	IT support personnel, EDAS	
◆		
◆	Marketing	29.620 €
	▪ Image design, Advance program	
	▪ Advance program postage	
	▪ Bags, block, pen	
◆		
◆	Proceedings	9.630 €
◆	Local arrangements	100.780 €
	▪ Conference rooms, Audio visual	
◆		
◆	Food and beverages	108.310 €
	▪ Welcome reception, Gala dinner	
	▪ Coffee breaks	
◆	Program and Committee	23.200 €
	▪ Tutorial speakers, Travels,	
	▪ Meals, Sponsors/keynotes expenses	
◆	Miscellaneous	42.800 €
	<b>Budget surplus</b>	<b>39.615 €</b>

## WCNC 2006

- ◆ TPC Program Chair
  - Lajos Hanzo, Univ. of Southampton
  
- ◆ TPC Vice-Chairs
  - PHY/MAC: Dinesh Rajan, Southern Methodist University
  - Networking: Mooi Choo Chuah, Lehigh University
  - Services and Applications: Abbas Jamalipour, University of Sydney
  - Tutorials: Gordon Stuber, Georgia Tech
  - Technology/Business Applications Panels: Walter Tuttlebee, Mobile VCE

## WCNC 2006 PHY/MAC track

- ◆ 537 papers submitted
  - 512 active papers
  - 25 papers withdrawn (duplicates, incompletes etc)
- ◆ 61 TPC Members
- ◆ Over 1200 Reviewers
  - Over 1500 reviews complete
- ◆ Review process nearly complete
- ◆ Final decisions begin made
- ◆ Expected acceptance : 45%

## WCNC 2006 Networking track

- ◆ 301 papers submitted
  - 17 papers withdrawn (duplicates, incompletes etc)
- ◆ 39 TPC members
- ◆ Over 691 reviewers
  - Over 1354 reviews complete (some papers more than 3 reviews)
- ◆ Review process nearly complete
- ◆ Final decisions being made
- ◆ Expected acceptance: 40.9%

## WCNC 2006 S&A track

- ◆ 77 papers submitted
  - 70 active papers
  - 7 papers withdrawn (duplicates, incompletes etc)
- ◆ 28 TPC members
- ◆ Over 194 reviewers
  - Over 308 reviews completed (all papers have 3+ reviews, all with detailed comments)
- ◆ Review process has been completed
- ◆ Final decisions are being made
- ◆ Expected acceptance: 44%



## ICCCAS 2005

International Conference on Communications, Circuits, and Systems  
27-30 May 2005, Hong Kong

### ◆ Honorary General Chair

- Leon Chua, UC Berkeley

### ◆ General Co-Chairs

- Lionel Ni, HK Univ. of Science and Technology
- Xiaowen Li, Univ. of Electronic Science and Technology of China

### ◆ TPC Program Co-Chairs

- Bing Zeng, HK Univ. of Science and Technology
- Shaoqian Li, Univ. of Electronic Science and Technology of China

## ICCCAS 2005

- ◆ 600 papers submitted
- ◆ 307 papers accepted
- ◆ 8 tracks with 2 chairs in each track
- ◆ Over 200 members in all tracks
- ◆ Over 250 Reviewers
- ◆ Acceptance rate: 51%
- ◆ Over 300 attendants

## WirelessCom 2005

11-13 June 2005, Maui Sheraton Hotel, Maui, Hawaii

- ◆ Mohsen Guizani, Western Michigan University, General Chair
- ◆ Mamoru Sawahashi, NTT DoCoMo, Japan, Vice General Chair
- ◆ H. H. Chen, National Sun-Yat Sen University, Taiwan, Program Chair
- ◆ Sherman Shen, University of Waterloo, Canada, Program Co-Chair
- ◆ Marco Chiani, University of Bologna, Italy, Program Co-Chair
- ◆ Abbas Jamalipour, University of Sydney, Australia, Program Co-Chair
- ◆ Ali Fares, University of Hawaii at Manoa, Local Arrangement Chair
- ◆ Magdi Iskandar, University of Hawaii at Manoa, Local Arrangement Chair
- ◆ E. K. Park, University of Missouri-Kansas City, Registration Chair
- ◆ Sponsors: NTT-DoCoMo, Japan

## WirelessCom 2005

- ◆ 630 submitted papers with an acceptance ratio around 42% (at least 3 reviews per paper).
  
- ◆ 3 Keynote Speakers
  - **Professor Ness B. Shroff, Purdue University, USA**
  - Title: Looking into the Future: Grand Challenges for Wireless Networks
  - **Mr. Seizo Onoe, Vice President, Managing Director of IP Radio Network** Development Department, NTT, DoCoMo Inc., Japan
  - Title: 3G Evolution and Future Broadband Packet Radio Access
  - **Professor Aggelos Katsaggelos, Northwestern University, USA**
  - Title: Efficient Resource Allocation for Packet-Based Real-Time Video Transmission
  
- ◆ 4 Workshops
- ◆ 31 technical sessions

## 2005 IST Summit

19-23 June 2005, Dresden, Germany

- ◆ Program Chair: Gerhard Fettweis, TU Dresden
- ◆ Organization: Patrick Herhold
- ◆ 77 TPC members
- ◆ THE forum for all European R&D projects in the mobile, wireless, and satellite domain
- ◆ 1<sup>st</sup> IST Summit to obtain COMSOC Technical Co-Sponsorship
- ◆ Institutional sponsors + commercial support

## 2005 IST Summit

- ◆ Record participation
  - 501 submissions from 46 countries (record; 84% increase over 2004)
  - 2000 assigned reviews, >1700 returned
  - 320 papers accepted
  - 4 oral tracks plus posters over 3 core days
  - 3 panels, 2 special sessions, 4 selected tutorials, 6 workshops
  - 800 attendees
  - 35 exhibitors
  
- ◆ Very positive feedback from attendees
  
- ◆ Received Dresden congress award: best conference in Dresden in 2005

## ASWN05

- ◆ ASWN2005 held at Maison de la Chimie in Paris
  - June 29th through July 1st 2005
- ◆ 66 papers submitted and 31 accepted after a 3 peer review process for each paper. Acceptance rate was 47%
  - well known authors solicited for their contributions but papers went through the regular review process anyway.
  - Acceptance rate for unsolicited papers was below 30 %
  - All authors signed IEEE copyright
- ◆ Small and single track workshop
  - dealing with applications and services at several layers (from L1 to Application layer with more emphasis on L2 and above) and at stirring discussions and debate during the workshop.
- ◆ 54 attendees. There was one no show for one Author only
- ◆ 11 sessions + a PANEL
  - Panel session on disruptive technologies and applications of wireless in health and telemedicine
- ◆ ASWN is non lucrative
  - deficit was 3,000 € - covered by INT

## ASWN05

- ◆ **PANEL : Impact of Advances and Disrupting technologies and Paradigms**
  - P2P Paradigm and Advances**  
Wolfgang Kellerer, NTT DoCoMo, Europe, Germany
  - P2P and impact on business models and organization of value chain**  
Cedric Aoun, France
  - Expectations and Challenges in eHealth Sectors**  
Piet Verhove, Televic NV, Belgium
  - Deploying Wireless PANs and WLANs for eHealth**  
Nada Golmie, NIST, USA.
  - Impact and role of nanotechnologies in wireless and eHealth**  
Noguet Dominique, CEA Leti.
  
- ◆ **GENERAL Co-CHAIRs (TCPC Members)**  
Zygmunt J. Haas, Cornell University, USA & Ramjee Prasad, AAU, Denmark
- ◆ **TECHNICAL PROGRAM Co-CHAIRS (TCPC Members)**  
Hossam Afifi & Djamel Zeglache, INT-GET, Evry, France
- ◆ **STEERING COMMITTEE (Some TCPC Members – IEEE Members)**  
Hossam Afifi - Torsten Braun, Switzerland - Sudhir Dixit, Nokia, USA -Nada Golmie, NIST, USA - Ibrahim Matta, Boston University, USA - Ramjee Prasad - John Farserotou, CSEM, Switzerland - Djamel Zeglache
- ◆



## ASWN05

### ◆ Sessions

- S1 : Security architectures and mechanisms
- S2 : Inter Domain and Inter System Mobility
- S3 : Mobile Ad-Hoc Networks & Multihop Wireless
- S4 : Context Awareness
- S5 : Advances in WPAN & PN
- S6 : **PANEL**
- S7 : Wireless Technologies in Health and Safety sectors
- S8 : Peer to Peer and Self Organizing Paradigms
- S9 : Sensor Networks
- S10a : Security Frameworks
- S10b : Context Awareness and Services Discovery
- S11 : Performance of Wireless Networks and Systems

## WiMob'05

### IEEE INTERNATIONAL CONFERENCE ON

### Wireless and Mobile Computing, Networking and Communications

WiMob'2005

August 22 – 24, 2005

Delta Centre-ville Hotel - Montreal, Canada

#### ◆ TPC Program Chair

- Jean Conan, *École Polytechnique de Montréal*

#### ◆ TPC Vice-Chairs

- Khaled Ben Letaief, *Hong Kong University of Science & Technology*
- Roch Glitho, *Concordia University & Ericsson Research Canada*
- Hussein Mouftah, *University of Ottawa*

## WiMob'05

- ◆ 317 papers submitted
- ◆ 50 TPC members
  
- ◆ 168 accepted papers
  - 142 oral presentations
  - 26 poster presentations
- ◆ Acceptance rate: 53%

## QShine 2005

22-24 August 2005, Orlando, Florida, USA

### ◆ General Chairs

- Chair: Michael Fang, University of Florida
- Vice-Chairs: Hisashi Kobayashi, Shigang Chen and Vic DiCiccio

### ◆ Program Chair

- Sherman Shen, University of Waterloo

### ◆ Sponsor

- Create-Net and ICST (financial sponsors)
- IEEE TCCC and TCPC (technical sponsor)
- ACM SigMobile (in-cooperation with)
- Bell Mobility, Canada and Ericsson, Sweden

## QShine 2005 (cont'd)

- ◆ 58 TPC Members
- ◆ 300 Reviewers
- ◆ 10 sessions
- ◆ 100 submitted (40% increase)
- ◆ 47 papers accepted
- ◆ 47% acceptance rate
- ◆ 69 registered attendees

## QShine 2005 (cont'd)

- ◆ Three keynote speakers (Jon Mark, Hisashi Kobayashi and Anthony Soong)
- ◆ 8 papers selected for the special issue in ACM Wireless Networks
- ◆ 15 papers selected for a special section in IEEE Transactions on Vehicular Technology
- ◆ QShine'2006 will be held in Waterloo, Canada, August 7-9, 2006

## Second International Symposium on Wireless Communication Systems (ISWCS 2005)

5-7 September 2005, University of Siena, Siena, Italy <http://www.iswcs.org/iswcs2005>

### ◆ General Chair

- Giovanni Giambene, University of Siena, Italy

### ◆ General Co-Chair and Finance Chair

- Boon Sain Yeo, Institute for Infocomm Research, Singapore

### ◆ Technical Program Committee Chair

- Mario Gerla, UCLA Computer Science Department, CA, USA

### ◆ Technical Program Committee co-Chair

- Maria Luisa Merani, University of Modena and Reggio Emilia, Italy

### ◆ Sponsors: Alcatel, University of Siena



## Second International Symposium on Wireless Communication Systems (ISWCS 2005)

- ◆ 250 submitted papers with and acceptance ratio around 45% (3 reviews per paper).
- ◆ 4 tutorials
- ◆ Two plenary speeches:
  - Dr. Victor Bahl, *Bridging the Information Divide: Challenges & Opportunities*
  - Prof. Dharma P. Agrawal, *Why use Aggregate Logical Sensor Units for large Sensor Networks?*
- ◆ 15 technical sessions + 1 poster session
- ◆ A panel session, *Towards a Wireless and Ubiquitous Information Society*

**TPC Chair:**

Mario Gerla, UCLA Computer Science Department, CA, USA

**TPC co-Chair:**

Maria Luisa Merani, University of Modena and Reggio Emilia, Italy

**TPC Members:**

Armada, Ana Garcia, Borri, Michele, Capone, Antonio, Casoni, Maurizio, Chandra, GirishChew, Yong Huat, Chiasserini, Carla-Fabiana, Chong, Peter, Jun-Hong Cui, Eardley, Philip, Emmelmann, Marc, Fernandez-Getino Garcia, Frigyes, Istvan, Giordano, Silva, Giovanni, Giambene, Gonzalez Alberto, Gozálvez Javier, Haccoun, David, Hosein, Patrick, Hossain, Ekram, Hunziker, Thomas, Irvine, James, Iyer, Sridhar, Jiang, Yuming, Kong, JJ, Krzymien, Witold, Langendörfer, Peter, Lau, Chiew Tong, Lazaro, Oscar, Leung, Cyril, Leung, Victor, Li, Huan-Bang, Litiu, Radu, Lo Cigno, Renato, Love, David, Lye, Kin Mun, Maehara, Fumiaki, Manikas, Athanassios, Mauve Martin, Molva, Refik, Munro, Alistair, Pau, Giovanni, Pesch, Dirk, Pyndiah, Ramesh, Radimirsch, Markus, Riess, Eilon, Sallent-Roig, Oriol, Sanadidi, M. Yahya Medy, Schwarz, Uwe, Shenoy, Nirmala, Soong, Boon Hee, Takai, Mineo, Trajkovic, Ljiljana, Veque, Veronique, Wacker, Achim, Westphal, Cedric, Wong, Lawrence, Wu, Kui, Xiao, Yang, Yamazato, Takaya, Yeh, Chi-Hsiang, Yeo, Boon Sain, Zepernick, Hans-Juergen,



WCNM'05 – International Conference on Wireless Communications, Networking and Mobile Computing

23-26 September 2005, Wuhan, China.

- ◆ Sponsors: ComSoc, Chinese Institute of Electronics, Virginia Tech., and Wuhan University.
- ◆ With the support of IEEE ComSoc, the conference was very successful.
- ◆ We accepted 341 papers out of more than 1100 submissions, and 20 proceedings (which include two volumes) have been mailed to IEEE after the conference.
- ◆ It was really our great honor to get the support from IEEE ComSoc! The endorsement of TCPC was very important for the conference! We would like to express our appreciation to IEEE ComSoc and to you! Thank you very much!
- ◆ The second WCNM conference (WCNM06) will be held on September 22-24, 2006, in Wuhan, China. We still wish to get the technical (non-financial) co-sponsorship of IEEE Communication Society.

## WCNM 2005

- ◆ TPC Co-Chairs
  - Y. Huang, Univ. of Liverpool
  - Q. Lu, Virginia Tech.
  - H. B. Zhou, Wuhan University
- ◆ TPC Vice-Chairs
  - Wireless Communications: H. Cayla, France Telecom
  - Networking: Y. X. He, Wuhan University
  - Mobile Computing: R. Todd, Motorola
  - Tutorials: D. J. Edwards, Oxford University

## WCNM 2005 Wireless Communications track

- ◆ 562 papers submitted
  - 527 active papers
- ◆ 13 TPC Members
- ◆ 73 Reviewers
  - Most papers reviewed by 2 reviewers, some by 3 reviewers
- ◆ Review process has been completed
- ◆ Final decisions have been made
  - 162 papers accepted
- ◆ Acceptance: 31%

## WCNM 2005 Networking track

- ◆ 325 papers submitted
  - 303 active papers
- ◆ 10 TPC members
- ◆ 52 reviewers
  - Most papers reviewed by 2 reviewers, some by 3 reviewers
- ◆ Review process has been completed
- ◆ Final decisions have been made
  - 103 papers accepted
- ◆ Acceptance: 34%

## WCNM 2005 Mobile Computing track

- ◆ 225 papers submitted
  - 206 active papers
- ◆ 6 TPC members
- ◆ 27 reviewers
  - Most papers reviewed by 2 reviewers, some by 3 reviewers
- ◆ Review process has been completed
- ◆ Final decisions has been made
  - 76 papers accepted
- ◆ Acceptance: 37%

## WCNM 2005 Proceedings

- ◆ 2 volumes included
  - Wireless Communications in Volume I, 162 papers included
  - Networking and Mobile Computing in Volume II, 179 papers included
- ◆ Copyright transfer completed
- ◆ Printing work finished before the conference

## WCNM 2005 Conference

- ◆ Held on September 23-25, 2005, in Fengyi Hotel, Wuhan, China
- ◆ More that 200 researchers and scientists from 10 countries attended the conference
- ◆ 7 sessions included
  - 3 wireless communications sessions
  - 3 networking sessions
  - 1 mobile computing session



Technical Committee on Personal Communications (TCPC) Meeting

29 November 2005, St. Louis, Missouri, USA

WCNM 2005 Wuhan/China





Technical Committee on Personal Communications (TCPC) Meeting

29 November 2005, St. Louis, Missouri, USA

WCNM 2005, Wuhan/China



# Technical Committee on Personal Communications (TCPC) Meeting

29 November 2005, St. Louis, Missouri, USA

## WCNM 2005, Wuhan/China



## ISWSN (Int'l Symp. on Wireless Systems & Networks) 2005

- ◆ ComSoc endorsed after first rejection
  
- ◆ 81 submitted, 57 accepted, 3 withdrawn
- ◆ Original schedule: 25-27 April 2005, Bahrain
- ◆ Difficulties with local arrangements
  - postponed to 26-28 Sept 2005 at KFUPM, Saudi Arabia
  - postponed to November 2005
  - postponed to December 2005
- ◆ **Cancelled**
  
- ◆ TP Chair Prof. Asrar Sheikh finalized the technical program on time as promised with 4 tutorials, but difficulties were beyond his control



1<sup>st</sup> International Conference on Next-Generation Wireless  
Systems (ICNEWS 2006), 2-4 January, 2006, Dhaka,  
Bangladesh

[www.icnews-bd.org](http://www.icnews-bd.org)

- ◆ **General Chair:** Dr. Muzibul Khan, Samsung Americas
- ◆ **Technical Program Co-Chairs:**  
Dr. Mohammad Saquib, UT Dallas, USA and  
Dr. Ekram Hossain, University of Manitoba, Canada
- ◆ ICNEWS 2006 received **130** valid submissions and the distribution is given by

Wireless Networking (layer 2 and above)	71
Wireless Communications	42
Business Track	17

## ICNEWS 2006

- ◆ In the **Technical Track**, there are 64 papers accepted out of 113 papers (acceptance rate is ~57%), and the acceptance distribution is given by

Wireless Communications	22
Wireless Networking	42

## ISWPC 2006



<http://www.iswpc.org/2006>

- ◆ 1st International Symposium on Wireless Pervasive Computing 2006
- ◆ Conference will emphasize on **concepts and enabling technologies for wireless pervasive computing**
- ◆ Aims to provide a platform for researchers to **showcase their results, launch new ideas, as well as to interact with colleagues from this area**
- ◆ Tutorial and panel sessions will be held
- ◆ Keynote and Plenary to be given by prominent figures from industry and academia
- ◆ Hosted by Suranaree University of Technology, Thailand
- ◆ To be held at **Hilton Phuket Arcadia Resort & Spa, Phuket, Thailand**
- ◆ General Co-Chair: Dr. Boon Sain Yeo



## WEMIC 2006

1<sup>st</sup> Wireless Euro-Mediterranean Int'l Conf  
27-29 March 2006, Amman, Jordan

- ◆ TPC Program Chair
  - Mohammad M. Banat, Jordan University of Science and Technology
- ◆ 120 papers submitted
  - 111 active papers
  - 9 papers withdrawn (duplicates, incompletes etc)
- ◆ 126 TPC Members
- ◆ Over 300 Reviewers
  - Over 100 reviews complete
- ◆ Review process in initial stages complete
- ◆ Expected acceptance : 50%

Third International Conference on Wireless and Optical Communications Networks  
[www.wocn2006.org](http://www.wocn2006.org) WOCN 2006  
April 11, 12 and 13, 2006  
Bangalore, India

### Organizing Technical Program Committee

**General Chair: Dr. Guy Omidyar, Chair IFIPTC6 WG6.8, USA**  
**[Guy.omidyar@IEEE.org](mailto:Guy.omidyar@IEEE.org)**

**General co-chairs: Dr. Surendra Pal, ISRO Satellite Centre, India**

**Professor Pedro Cuenca, Universidad de Castilla-La Mancha, Spain**

**[pedro.cuenca@uclm.es](mailto:pedro.cuenca@uclm.es).**

**Professor Muhammad Jaseemuddin, Ryerson University,**

**Email: [jaseem@ee.ryerson.ca](mailto:jaseem@ee.ryerson.ca)**

**Professor Alok Kumar Das, Jadavpur University,**

**Email: [akdas@etce.jdvu.ac.in](mailto:akdas@etce.jdvu.ac.in)**



Third International Conference on Wireless and Optical Communications Networks  
[www.wocn2006.org](http://www.wocn2006.org) WOCN 2006  
April 11, 12 and 13, 2006  
Bangalore, India

- **Paper Submissions Deadline: January 15, 2006**
- **Notification of Acceptance: February 15, 2006**
- **Camera Ready Versions Due: February 28, 2006**
- **Accepting tutorial proposals, keynote speeches and invited papers**
- **Topics of Interest are Mobile and Wireless Communications, Optical Communications and Devices, and next generation Internet**

## ICTTA 2006

2<sup>nd</sup> Int'l Conf on Information & Communication Technologies

<http://ICTTA.enst-bretagne.fr>

24-28 April 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

- ◆ The CFP has been largely diffused through mailing lists
- ◆ 9 Satellite Workshops (Specific application areas of ICT) have already been proposed
- ◆ All contributions (Regular and Satellite workshops) will be evaluated by “at least” two members of the International Scientific Advisory Committee (68 members):

[http://ictta.enst-bretagne.fr/index.php?PAGE=isa\\_com.php](http://ictta.enst-bretagne.fr/index.php?PAGE=isa_com.php)

- ◆ Efforts are conducted to initiate an IEEE Syrian Student branch
- ◆ 42 early bird contributions have already been received

## WTS 2006

- ◆ April 27-29, 2006 – Kellogg West Conference Center, Cal Poly Pomona, Pomona, California
- ◆ Co-Sponsor: IEEE Communications Society
  - Technical Co-Sponsors: INFORMS Telecommunications Section In Cooperation With ACM SIGMOBILE
- ◆ General Chair: Steven Powell, Cal Poly Pomona
- ◆ Program Committee Co-Chairs: Ilir Progri, Cal Poly Pomona; JP Shim, Mississippi State
  - Wireless Networks & Systems (H. Zhou, So. Queensland)
  - Algorithms, Methods, Simulation & Software (H. Al-Rizzo, Univ. of Arkansas)
  - Wireless Technologies, & Standards (R. Hu, Mississippi State)
  - Business, Management, Security, and Policy (M. Bartolacci, Penn State)

## WTS 2006 Program

5<sup>th</sup> Annual Wireless Telecommunications Symposium  
27-29 April 2006, Pomona, California

- ◆ Accepted Paper Session
  - January 8, 2006 Submission deadline
  - 150-200 Papers Expected
  - 150-200 Reviewers Planned
  - Expected Acceptance Ratio: 40%
- ◆ Panel Discussions/Tutorials/Workshops
  - Two Tracks: Technology (2 Panel Discussions; 2 Tutorials); Business (4 Panel Discussions)
- ◆ Executive Session and Keynote Speakers
- ◆ Tour & Reception at NASA's Jet Propulsion Laboratory

## Communication Networks and Services Research Conference (CNSR 2006)

23-25 May 2006, Moncton, New Brunswick, Canada

- ◆ General Chair: Jalal Almhana
- ◆ Honorary Chair: Vijay K. Bhargava, *University of British Columbia*
- ◆ Technical Program Co-Chairs:
  - Michel Barbeau, *Carleton University*
  - Ahmed Kamal, *Iowa State University*,

TPC members: 86

Expected number of reviewers: 125

- ◆ Number of Expected Papers: 100
- ◆ 2 parallel sessions, for 2 days and half
  - One poster session
  - Expected acceptance rate 40-50%
  - Key-note Speakers: 3
  - Two tutorials are planned

## Endorsements and 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.

## Endorsements and 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.



## Endorsements and Sponsorships (cont'd)

- ◆ TC endorsement is only one of the approval criteria of ComSoc
- ◆ Final decision is made by ComSoc (not but TCs)
  
- ◆ ComSoc rejected the sponsorship applications of the following conferences (which were endorsed by TCPC):
  - IWWCUCA 2005
  - WPNC 2005
  - InterSense 2006
  - ASWN 2006
  - WiMob 2006
  - ISWCS 2006
  
- ◆ Rejections are **not** due to lack of technical strength

## Other Business

- ◆ Next TCPC meeting: at ICC'06 in Istanbul, Turkey (12 June 2006)

- ◆ ...

## ISSSTA 2006

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

- ◆ In 1990, the ISSSTA was founded as a biennial event to promote international scientific exchange in the important area of spread spectrum techniques. Hitherto, the venues were:
- ◆ 1990 London, UK
- ◆ 1992 Yokohama, Japan
- ◆ 1994 Oulu, Finland
- ◆ 1996 Mainz, Germany
- ◆ 1998 Sun City, South Africa
- ◆ 2000 Parsippany, USA
- ◆ 2002 Prague, Czech Republic
- ◆ 2004 Sydney, Australia
- ◆ and the next goes to Brazil

## ISSSTA 2006-Conference Scope

- ◆ CDMA Systems;
- ◆ Channel Modeling and Estimation;
- ◆ UWB;
- ◆ Multicarrier CDMA systems;
- ◆ Spreading Sequences for SS;
- ◆ Code Acquisition and Tracking;
- ◆ Interference Cancellation;
- ◆ Space-Time Coding and MIMO;
- ◆ Signal Design and Processing for SS;
- ◆ Circuits and Systems for SS;
- ◆ Multiuser Detection;
- ◆ Antennas for SS;
- ◆ Resource Allocation and Power Control;
- ◆ Information Theory of SS systems;
- ◆ Diversity;
- ◆ Coding and Modulation for SS;
- ◆ Wireless LAN;
- ◆ WCDMA;
- ◆ Artificial Intelligence, Chaos, and Quantum applications in SS;
- ◆ Standardization and education aspects in SS techniques;
- ◆ Ad-Hoc Networks;
- ◆ SS Systems;
- ◆ Others.

## ISSSTA 2006

### ◆ DATE

◆ August 28-31, 2006

◆ (first day: tutorials; others: technical sessions and invited talks)

### ◆ VENUE

◆ Manaus Tropical Resort & Convention Center, Amazon, Brazil

### ◆ SPONSOR

◆ EPUSP-Escola Politécnica of University of São Paulo

### ◆ TECHNICAL CO-SPONSORSHIP

## ISSSTA 2006

### ◆ 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

### ◆ Important Dates

- ◆ Full papers due: January 31, 2006
- ◆ Acceptance notice: March 31, 2006
- ◆ Final manuscript due: April 30, 2006
- ◆ [www.isssta2006.org/](http://www.isssta2006.org/)

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

- ◆ Workshop General Chair:
  - Giovanni Giambene, University of Siena, Italy
- ◆ Workshop Vice-Chair:
  - Boon Sain Yeo, Wavex Technologies Pte Ltd, Singapore
- ◆ Workshop co-Chairs:
  - F. J. González Serrano, Univ. Carlos III de Madrid, Spain
  - J. I. Moreno, Univ. Carlos III de Madrid, 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)
  - Deadline for submitting papers, proposals for tutorials and panel sessions: **April 1, 2006**
- ◆ This event is technically supported by ComSoc.

## IWSSC 2006

◆ 38 TPC members

◆ 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



## IWSSC 2006

- ◆ Successful past experience: IWSSC 2005 in conjunction with ISWCS 2005, hosted by the University of Siena, Italy
  - Totally, more than 320 papers submitted.
  - In IWSSC 2005: 12 technical sessions with special sections for Ph.D students

ISWCS & IWSSC 2005 (accepted papers)

