

# The Fourth IEEE Conference on Mobile and **Wireless Communications Networks**

(MWCN'2002) September 9-11, 2002

Stockholm, Sweden

# http://www.cwc.nus.edu.sg/mwcn2002

MWCN'2002 is the fourth conference in its series aimed at stimulating technical exchange in the emerging and important field of mobile and wireless communications networks. The scope of the conference includes a wide range of technical challenges in view of the growing interest for wireless access to Internet and the evolution of third generation cellular systems included ITU IMT/UMTS. The conference also accepts progress on IST European Commission funded projects. Radio interface design, adaptive antennas and arrays and indoor propagation, measurement and predictions also will be considered. In the last few years with the development of digital technologies, satellites have also emerged in the forefront of multimedia delivery techniques. Satellite networking is now a well-established solution for the broadband needs of the new millennium.



COMMUNICATIONS



SOCIETY









# **Important Dates**

Deadline for submitting an extended abstract: May 15, 2002 Notification of acceptance: June 30, 2002 Papers received in camera ready form to MWCN 2001: July 20, 2002 Conference Date and September 9, 10 and 11, 2002, Stockholm,

Sweden

### **Conference Chair**

Dr. Claes Beckman Director KTH Centre for Wireless Systems, Royal Institute of Technology, Stockholm, Sweden

# **Technical Program Chair**

Professor Mario Gerla University of California Los Angeles

**Technical Scientific Program Committee** Hossam Afifi, INT, France Khaldoun Al Agha, University of Paris XI, France

Hamid Aghvami, Kings College of London, UK John Anderson, Lund University, Sweden

Olga Casals, Universitat Politecnica de Catalunya, Spain Colin Chandler, Qualcomm Europe, France

Francois Chin, Cntr for Wireless Communications, NUS, Singapore

Markus Endler, IME/USP, Brazil

Serge Fdida, Laboratoire d'informatique de Paris 6, France

Afonso Ferreira, CNRS INRIA, France

Adolf Finger, Technical University of Dresden, Germany

Mario Gerla, UCLA, USA

Mohammed Ghanbari, University of Essex, UK

Martin Haardt, ILmendu University of Technology, Germany

Zygmunt J. Haas, Cornell University, USA

Lajos Hanzo, University of Southampton, UK

Jamshid Khun Jush, Ericsson, Germany

Theo Kanter, Ericsson Research, Sweden

Parviz Kermani, IBM Watson Research Center, USA

Witold Krzymien, University of Alberta, Canada

Xavier Lagrange, ENST Bretagne, France

Khaled Ben Letaief, Hong Kong University, HK

Antonio A.F. Loureiro, Federal Univ. of Minas Gerais, Brazil

Gerald Q. Maguire, Jr., KTH, Wireless Center, Sweden

Gerard Maral, ENST, Site de Toulouse, France

Jon W. Mark, University of Waterloo, Canada

Geraldo Robson Mateus, Federal Univ. of Minas Gerais, Brazil

Marie-Jose Montpetit, Nokia, USA

Mahmoud Naghshineh, IBM Watson Research Cntr, USA Guy Omidyar, Cntr for Wireless Communications, NUS,

Singapore

Elena Pagani, Universita` degli Studi di Milano, Italy Kaveh Pahlavan, Worcester Polytechnic Institute, USA

Gregory P. Pollini, Telecordia, USA

Ramjee Prasad, Aalborg University, Denmark

Guy Pujolle, Université Paris 6, France

Christopher Rose, Associate Director, Rutgers WINLAB, USA

Djamel Sadok, Universidade Federal de Pernambuco, Brazil

Fabrizio Sestini, European Commission, Belgium

Jan Slavik, TESTCOM, Czech Republic Elvino S. Sousa, University of Toronto, Canada

Cormac Sreenan, University College Cork, Ireland

Sumei Sun, Cntr for Wireless Communications, NUS, Singapore Tjeng. T. Tjhung, Cntr for Wireless Communications, NUS,

Branimir Vojcic, George washington University, USA

Ivan Vukovic, Motorola, USA

Adam Wolisz, Technische Universitat Berlin, Germany

# Topics of interest include but are not limited to the following:

### Management

Resource and Information Management

- Convergence of Fixed and Mobile Devices
- Low-Power End-Devices and Wireless

Communications

### Security

Security in Mobile Networks

# QoS

- Adaptive Quality of Service Provisioning
- End-to-end Quality of Service

### **Mobility Support**

- Handoff Algorithms
- IP and Mobility
- Mobility and Connection Management in Heterogeneous Wireless Networks
- Policy-based Mobility Management

### **Applications**

- Personal Communications
- Location and Context Management
- Smart Media
- Mobile Code
- Mobile Ad-Hoc Networks Applications

- Wireless IP
- Wireless Multimedia Services
- Wireless Local Loop (WLL)
- Multiple Access Technology
- Broadband Wireless Access

### Networking

- Wireless Personal Area Networks
- Wireless Local Area Networks
- Mobility and Nomadic Computing
- Analysis and Simulation of Mobile Network Protocols
- Home Networking
- Mobile Ad-hoc Networks and the Internet
- Mobile Ad-Hoc Networking Routing

# **Submission Guidelines**

Papers are invited on the conference theme and related topics. Please submit extended abstracts, which after acceptance need to be expanded to full papers including figures. Accepted formats include Microsoft Word, PostScript and PDF. The submission of papers could follow the same format as stated in the IEEE ComSoc publication form www.comsoc.org. Authors must state that their paper have neither been published before nor currently being submitted elsewhere. The cover page must contain an abstract of about 150 words, name and affiliation of author(s) as well as the lead author's postal address, telephone number, fax number and email. The language of the conference is English and papers must be in this language. Accepted papers will also be distributed on the conference's Lecture Notes in Computer Sciences proceedings from Springer and or CD-ROMs.