The 7th IEEE International Conference on Wireless and Mobile Computing, Networking and Communications

WiMob 2011
Shanghai, China

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CALL FOR PAPERS

The IEEE WiMob conference is an international forum for the exchange of experience and knowledge among researchers and developers concerned with wireless and mobile technology. For six years, the International IEEE WiMob conference has provided unique opportunities for researchers to interact, share new results, show live demonstrations, and discuss emerging directions in Wireless Communications, Mobile Networking and Ubiquitous Computing.

IEEE WiMob 2011 will be held in Shanghai. At the confluence between East and West, North and South, Shanghai is a city that never sleeps and provides a unique meeting point for international academics and industrialists. The conference will be hosted by Shanghai Jiao Tong University and The Hong Kong Polytechnic University. The IEEE WiMob 2011 aims to disseminate advances in both hardware and software technologies that support pervasive 3G, Wi-Fi and Wi-MAX applications.

The IEEE WiMob 2011 technical program will present high quality technical papers that are reviewed and selected by an international program committee. WiMob 2011 will host three parallel symposiums, including but not limited to the following topics:

1. Wireless Communications

Broadband Wireless Communication Systems	Signal Separation and Interference Rejection
Wireless Personal Communications	Multimedia Communications over Wireless
Advances in Satellite Communication	DSP Applications to Wireless Systems
Broadband Wireless Communications	Adaptive Antennas for Wireless Systems
Modulation and Coding	Multiple Access Techniques
Channel Measurement and Characterization	Location Estimation and Tracking
OFDM and CDMA Technologies and Systems	Resource Allocation and Interference Management
MIMO Channels	Multirate and Multicarrier Communications
Multiuser Detection	Link and System Capacity

2. Mobile Networking, Mobility and Nomadicity

Mobile IP Networks	Security, Privacy and Authentication in Mobile Environments
Cellular Systems, PCS Modeling and Configuration	Wireless Sensor Networks
Multimedia over Wireless	Cross-layer Design and Optimization
Mobility and Location Management	Ad-hoc Wireless Networks
Wireless Networks Standards and Protocols	Autonomic Networking and Communications
Design and Analysis of Wireless LAN/WAN	Mobile Internet
Designing and Modeling High Availability Mobile Networks	Home and Ubiquitous Networks
Mobile Network Modeling and Simulation	Smart Sensors and Sensor Networks
Architectures and Protocols for Mobile Networks	Inter-working of 2G, 3G and 4G Wireless Networks

3. Ubiquitous Computing, Services and Applications

Distributed Computing and Distributed Databases	Security, Privacy and Infrastructure for Ubiquitous Computing
Location-based Services	Systems and Services (e.g. Mobile satellites, WLANs)
Virtual Home Environments (VHE)	Security and Privacy for Ubiquitous Computing
M-Commerce	Home and Ubiquitous Networks
M-Learning	Mobile Ad-Hoc Computing
Streaming Applications	Gaming Applications in Ubiquitous Computing Environments
Portable Devices and Wearable Computers	Passive, Active and Smart Tags for Ubiquitous Computing
Web Services	Location-dependent and Context-aware Computing
Home and Office Appliances	Software Architecture for Home/Smart Appliances
Enabling Technologies for Ubiquitous and Pervasive Computing	Human Computer Interaction in Ubiquitous Computing

Authors are required to submit anonymous fully formatted papers (PDF), with graphs, images, and other special areas arranged as intended for the final publication. Papers should be written in English conforming to the IEEE standard conference format (8.5" x 11" - US letter, Two-Column). The initial submission for review will be limited to 8 pages. The final manuscript for publication will be limited to 8 IEEE pages. Each accepted paper must be presented at the conference, otherwise it will not be included in the conference proceedings and it will not be indexed and archived through IEEExplore. You can find a copy of the IEEE standard conference template for Microsoft Word or LaTeX formats at: http://www.ieee.org/web/publications/pubservices/confpub/AuthorTools/conferenceTemplates.html.

Please visit http://conferences.computer.org/wimob2011/index.htm for details and submission information. Only timely submissions through EDAS at http://edas.info/newPaper.php?c=10221 will be accepted.

IMPORTANT DATES

Papers due:	**June 10, 2011 (Extended)**
Notification of acceptance:	**July 11, 2011**
Final submissions due:	**July 30, 2011**
Conference presentation:	**October 10-12, 2011**