

The 5th IEEE International Conference on Wireless and Mobile Computing,  
Networking and Communications  
(WiMob'2009)  
Marrakech, Morocco



**Fifth IEEE INTERNATIONAL CONFERENCE ON  
Wireless and Mobile Computing, Networking  
and Communications**



**CALL FOR PAPERS**

**COMMITTEES**

- **GENERAL CHAIR**  
Abderrahim Benslimane,  
University of Avignon
- **STEERING COMMITTEE CHAIR**  
Samuel Pierre,  
École Polytechnique de Montréal, Canada
- **STEERING COMMITTEE**  
Abderrahim Benslimane,  
University of Ottawa, Canada  
Pierre Boucher,  
Ericsson Research Canada  
Hussein Mouftah,  
University of Ottawa, Canada  
Samuel Pierre,  
École Polytechnique de Montréal, Canada  
Do Van Thanh,  
Telenor & Norwegian University of  
Science and Technology, Norway  
Khaled Ben Letaief,  
Hong Kong Univ. of Science &  
Technology, Hong Kong  
Guy Pujolle,  
University of Paris 6, France
- **TPC CO-CHAIRS**  
Hsiao-Hwa Chen,  
National Sun Yat-Sen University, Taiwan  
Mieso Denko,  
University of Guelph, Canada  
Mischa Dohler,  
CTTC, Barcelona, Spain
- **WORKSHOP CO-CHAIRS**  
Peter Mueller,  
IBM Zurich Research Laboratory, Switzerland  
Thomas Kunz,  
Carleton University, Canada
- **PUBLICITY CO-CHAIRS**  
Nirwan Ansari,  
New Jersey Institute of Technology, USA  
Ronald Beaubrun,  
Université Laval, Canada  
Abbas Jamalipour,  
University of Sydney, Australia  
Congduc Pham,  
University of Pau, France
- **EXHIBIT & SPONSORSHIP CO-CHAIRS**  
Nidal Nasser,  
University of Guelph, Canada
- **Local Committee Chair**  
Abdelilah Ghammaz,  
FST Marrakch, Morocco

• **CONTACT INFORMATION**  
Abderrezak Rachedi, University of Paris-Est  
Nabil Harrabida, Ecole Polytechnique de  
Montréal

The IEEE International Conference on **Wireless and Mobile Computing, Networking and Communications (WiMob 2009)** will be held in Marrakech, Morocco, from 12-14 October.

• **SCOPE**

The research area of mobile computing has become more important following the recent widespread drive towards mobile ad hoc networks, wireless sensor networks and vehicular ad hoc networks tracking technologies and their applications. The availability of the high bandwidth 3G infrastructures, and the pervasive deployment of low cost WiFi infrastructure and WiMAX to create hotspots around the world serve to accelerate the development of mobile computing towards ubiquitous computing.

**WiMob'2009** addresses three main areas:

- Wireless Communications
- Mobile Networking, Mobility and Nomadicity
- Ubiquitous Computing, Services and Applications

This conference aims to stimulate interactions among participants and enable them to exchange new ideas and practical experience. WiMob'08 is the fourth in a series of annual conferences: two times in Montréal (QC) Canada in 2005 and 2006, in New York USA in 2007 and the last one in Avignon France in 2008. This conference will be comprised of the following three symposia:

<i>Wireless Communications</i>	<i>Mobile Networking, Mobility and Nomadicity</i>
<ul style="list-style-type: none"> <li>•Broadband Wireless Communication Systems</li> <li>•Wireless Personal Communications</li> <li>•Advances in Satellite Communication</li> <li>•Broadband Wireless Communications</li> <li>•Modulation and Coding</li> <li>•Channel Measurement and Characterization</li> <li>•OFDM and CDMA Technologies and Systems</li> <li>•MIMO Channels</li> <li>•Multiuser Detection</li> <li>•Signal Separation and Interference Rejection</li> <li>•Multimedia Communications over Wireless</li> <li>•DSP Applications to Wireless Systems</li> <li>•Adaptive Antennas for Wireless Systems</li> <li>•Multiple Access Techniques</li> <li>•Location Estimation and Tracking</li> <li>•Resource Allocation and Interference Management</li> <li>•Multirate and Multicarrier Communications</li> </ul>	<ul style="list-style-type: none"> <li>•Mobile IP Networks</li> <li>•Cellular Systems, PCS Modeling and Configuration</li> <li>•Multimedia over Wireless</li> <li>•Mobility and Location Management</li> <li>•Wireless Networks Standards and Protocols</li> <li>•Design and Analysis of Wireless LAN/WAN</li> <li>•Designing and Modeling High Availability Mobile Networks</li> <li>•Mobile Network Modeling and Simulation</li> <li>•Architectures and Protocols for Mobile Networks</li> <li>•Security, Privacy and Authentication in Mobile Environments</li> <li>•Wireless Sensor Networks</li> <li>•Cross-layer Design and Optimization</li> <li>•Ad-hoc Wireless Networks</li> <li>•Mobile Internet</li> <li>•Home and Ubiquitous Networks</li> <li>•Smart Sensors and Sensor Networks</li> <li>•Inter-working of 2G, 3G and 4G Wireless Networks</li> </ul>
<i>Ubiquitous Computing, Services and Applications</i>	
<ul style="list-style-type: none"> <li>•Distributed Computing and Distributed Databases</li> <li>•Location-based Services</li> <li>•Virtual Home Environments (VHE)</li> <li>•M-Commerce</li> <li>•M-Learning</li> <li>•Streaming Applications</li> <li>•Portable Devices and Wearable Computers</li> <li>•Web Services</li> <li>•Home and Office Appliances</li> <li>•Enabling Technologies for Ubiquitous and Pervasive Computing</li> <li>•Security, Privacy and Infrastructure for Ubiquitous Computing</li> </ul>	<ul style="list-style-type: none"> <li>•Systems and Services (e.g. Mobile satellites, WLANs)</li> <li>•Security and Privacy for Ubiquitous Computing</li> <li>•Home and Ubiquitous Networks</li> <li>•Mobile Ad-Hoc Computing</li> <li>•Gaming Applications in Ubiquitous Computing Environments</li> <li>•Passive, Active and Smart Tags for Ubiquitous Computing</li> <li>•Location-dependent and Context-aware Computing</li> <li>•Software Architecture for Home/Smart Appliances</li> <li>•Human Computer Interaction in Ubiquitous Computing</li> </ul>

Full papers must be submitted for review. Only original papers, unpublished nor submitted for publication elsewhere, can be submitted. Please visit <http://www.larim.polymtl.ca/wimob2009/> for details and submission information. Only timely submissions through EDAS at <http://edas.info> will be accepted.

**IMPORTANT DATES**

Abstract submission due: **May 6, 2009** Paper submission due: **May 16, 2009**  
Notification of acceptance: **August 1, 2009** Final manuscripts due: **August 20, 2009**