

**The 7th IEEE International  
Symposium on a World of Wireless,  
Mobile and Multimedia Networks**



**Sponsored by IEEE Computer Society,  
University of Texas at Arlington, and IEEE  
Technical Committee on Computer  
Communications (TCCC)**

**Announcement and Call for Papers**



**Niagara-Falls  
Buffalo, NY**

**26-29 June  
2006**



The IEEE WoWMoM 2006 technical committee is soliciting papers addressing research challenges and advances towards a world of wireless, mobile, and multimedia pervasive communications. The emergence of broadband wireless access standards, such as 3G/UMTS, 802.16, 802.11g and UWB, offers exciting new possibilities for delivering rich multimedia content over wireless networks. Users will be able to seamlessly and ubiquitously accomplish their tasks, access information or communicate with other users or devices.

Papers that present original and previously unpublished work, validated by experimentation, simulation, or analysis, are solicited. Practical experiences and experimental efforts, including submissions from industry, are also welcome. In addition to regular papers, "position" or "challenges" papers, are also solicited. Topics of interest include, but are not limited to, the following:

- System prototypes and experiences
- QoS for voice and video in wireless networks
- Middleware support for QoS provision
- Differentiated services for wireless multimedia
- IP-based wireless multimedia services
- Multimedia session signaling in wireless environments
- Networking services for pervasive systems
- Multicasting and broadcasting issues
- Handoff and mobility management
- Seamless internetworking
- Energy-efficient protocols and power management
- Network management and troubleshooting
- IP-based mobile networks
- Context-aware wireless multimedia application
- Location mechanism and services
- Wireless BAN, PAN, LAN, and MAN
- Ad hoc and sensor networks
- Wireless mesh networks
- Vehicular wireless networks
- Third and fourth generation systems
- Wireless security and dependability
- Content Management and Distribution
- Pricing and billing
- Modeling and Performance evaluation

The IEEE WoWMoM 2006 technical program will also include one-day workshops on hot topics on wireless, mobile and multimedia networks.

**General Chairs:**

Marco Conti, IIT-CNR, Italy  
Chunming Qiao, University of Buffalo, USA

**TPC Chairs:**

Marwan Krunz, Univ. of Arizona, USA  
Archan Misra, IBM Research, USA

**Local Arrangements Co-Chairs:**

Hung Ngo, Univ of Buffalo, USA  
Prachee Sharma, Univ of Buffalo, USA

**Workshops Chair:**

Giuseppe Anastasi, University of Pisa, Italy

**Steering Committee:**

Marco Conti, IIT-CNR, Italy  
Sajal K. Das, Univ. Texas at Arlington, USA (chair)  
Dipankar Raychaudhuri, Rutgers Univ., USA  
Satish K. Tripathi, SUNY Buffalo, USA

**Important Dates**

Submission deadline (modified): **November 26, 2005**

(register paper by **November 19, 2005**)

Notification:

**February 21, 2006**

For more information: <http://ieee-wowmom.cse.buffalo.edu/>