



**MASS**  
**2009**

# The 6th IEEE International Conference on Mobile Ad hoc and Sensor Systems

**October, 12 – 15, 2009, Macau SAR, P.R.C.**

<http://www.cs.cityu.edu.hk/mass09>

Sponsored by *The IEEE Computer Society Technical Committee on Distributed Processing*

## CALL FOR PAPERS

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Paolo Santi, IIT-CNR

\* *MAC and Cross-Layer Technologies*

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\* *Data Management and Information Processing*

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\* *Protocols, Systems and Applications*

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Dave Cavalcanti, Phillips Research

### TOPICS OF INTEREST

Original, unpublished contributions are solicited in all aspects of (mobile) ad-hoc networks and wireless sensor networks (WSN), systems and applications. Topics include, but are not limited to:

- MAC layer design for ad-hoc networks and WSNs
- MAC protocols (802.11, 802.15.4, UWB)
- Directional / smart antennas
- Multi-channel, multi-radio and MIMO technologies
- Wireless mesh networks and cognitive networks
- P2P, overlay, and content distribution architectures for ad-hoc and sensor networks
- Delay tolerant networks and opportunistic networking
- Vehicular networks and protocols
- Mobile/robotic sensor networks
- Power-aware architectures, algorithms and protocols design
- Clustering, topology control, coverage and connectivity
- Routing protocols (unicast, multicast, broadcast, geocast)
- Data transport and management in WSNs
- Data gathering, fusion, and dissemination in WSNs
- Localization and synchronization in WSNs
- Cooperative sensing in WSNs
- Capacity planning and admission control in ad-hoc and sensor networks
- Handoff / mobility management and seamless internetworking
- Resource management and wireless QoS Provisioning
- Cross layer design and optimization
- Reliability, resiliency and fault tolerance techniques
- Security, privacy, and trust issues
- Operating systems and middleware support
- Novel applications and architectures for WSNs
- Modeling, analysis and performance evaluation
- Measurements and experience from experimental systems and test-beds

### IMPORTANT DATES

Abstract Due:	<b>April 3, 2009 (Fri)</b>
Manuscript Due:	<b>April 5, 2009 (Sun)</b>
Acceptance Notification:	<b>June 28, 2009 (Sun)</b>
Camera-ready Submission:	<b>August 20, 2009 (Thur)</b>