

MASS 2008 *The 5th IEEE International Conference on Mobile Ad Hoc and Sensor Systems*

September 29 – October 2, 2008

Atlanta, USA

<http://www.cse.psu.edu/IEEEMASS08/>

CALL FOR DEMOS

Real experimentation has proven to be a fundamental methodology to evaluate mobile ad hoc and sensor systems. Furthermore, early prototyping is an outstanding way to understand real user requirements and help adoption of wireless ad hoc technologies by the mass market. In this view, IEEE MASS solicits demonstrations of mobile ad hoc and sensor systems showing real-systems prototypes at work, thus stimulating discussions among the attendees. Demonstrations from both academia and industry are welcome at most.

Highlights:

- Authors of all accepted demos will be invited to present their demo at the Conference.
- Selected demos will be published in the IEEE MASS 2008 Proceedings.
- MASS 2008 will grant a "Best Demo Award" based upon both the technical and innovation contribution.

Topics of Interest:

Topics of interest include, but are not limited to:

- Architectures, protocols, and algorithms to cope with mobility, limited bandwidth, limited power and/or intermittent connectivity
- Applications and services for mobile ad hoc users
- Peer-to-peer, overlay, and content distribution wireless ad hoc networks
- Location-dependent applications and protocols
- Modeling, measurement and simulation aspects of mobile ad hoc and sensor systems
- Security, privacy, and fault-tolerance
- Implementations and experimental systems
- Routing protocols (unicast, multicast, broadcast, geocast) and metrics
- Data transport in wireless ad hoc and sensor networks
- Topology construction and coverage maintenance
- Cross layer design and optimization
- Incentives and game theoretic approaches in wireless ad-hoc networks
- Localization and synchronization in wireless sensor networks
- Data gathering, fusion, and dissemination in wireless sensor networks
- Operating system and middleware support
- Mesh networking
- Delay tolerant networks and opportunistic networking

- Handoff, mobility management and seamless internetworking
- Reliability, security, and trustworthiness issues in ad hoc and sensor networks
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Submission Guidelines:

Demo proposals **must be** limited to 3 pages (IEEE conference template, font size no less than 10pt), and should include:

- Research framework, goals of the demo and the basic idea that it supports.
- Equipment to be used for the demo.
- Space needed.
- Setup time required.
- Additional facilities needed including power and Internet/wireless access.
- A URL with any extra information, if needed.

Demo proposals must be submitted as a SINGLE PDF FILE via e-mail to the demo chair (mass08demo@cs.utah.edu). For more information, please refer to the demo section of the IEEE MASS 2008 official web site (<http://www.cse.psu.edu/IEEEMASS08/>).

Important Dates:

Submission Deadline:	July 21, 2008
Acceptance Notification:	July 24, 2008
Conference date:	September 29 – October 2, 2008

Sneha K. Kasera
IEEE MASS 2008 Demo Chair