



CALL FOR PAPERS

The 1st IEEE International Conference on Mobile Ad-hoc and Sensor Systems (MASS-2004)

October 24-27, 2004, Fort Lauderdale, Florida, USA
<http://www.ececs.uc.edu/~cdmc/mass>



Sponsored by
IEEE TC on Distributed Processing and IEEE TC on Simulation

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Recent research on wireless networks and mobile computing has concentrated on single-hop networks, where network nodes communicating directly to a fixed infrastructure such as cellular or satellite systems. While in Ad-hoc and sensor networks multi-hop scenarios such as conference, hospital, battlefield, rescue and monitoring scenarios are covered, where network nodes communicate via other network nodes. This conference covers the area of ad-hoc and sensor systems, from physical issues to applications aspects.

Possible topics of interest include, but are not limited to:

- MAC protocols for ad-hoc and sensor networks (801.11, Bluetooth, etc)
- Routing protocols (unicast, multicast, broadcast, geocast, etc)
- Power-aware and energy-efficient design
- Directional and smart antennas for ad-hoc networks
- QoS, security, and fault-tolerant issues
- Location and mobility management
- Topology construction and coverage maintenance
- Distributed Algorithms (self-configuration, scheduling, synchronization, etc)
- Data gathering, fusion, and dissemination
- Operating system and middleware support
- Complexity analysis of algorithms
- Analytical, mobility, and validation models
- Applications of ad-hoc and sensor networks

Paper submission

All submissions will be handled electronically. Authors should prepare a PDF of their full papers. Papers must not exceed 10 single-spaced and two-column pages using at least 10 point size type on 8.5 * 11 inches pages. Electronic submission instructions will be published on the website <http://www.ececs.uc.edu/~cdmc/mass> together with style files.

Tutorials

Proposals for half and full day tutorials are solicited. The selection criteria include the expertise and experience of the instructors and relevance to the central themes of the conference. Proposals of at most 4 pages, including 1-page biographical sketch, should be submitted to the Tutorial Chair, Stephan Olariu (olariu@cs.odu.edu), by April 30, 2004.

Important dates

Manuscript Submission due (extended): April 22, 2004
Acceptance Notification due: July 20, 2004
Final Manuscript due: August 30, 2004

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