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CALL FOR PAPERS

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

October 25-27, 2004, Fort Lauderdale, Florida, USA
http://www.ececs.uc.edu/~cdmc/mass

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

Researches on wireless networks and mobile computing research has until recently concentrated on single-hop networks (network nodes communicating directly to a fixed infrastructure), such as cellular or satellite systems. Ad-hoc and sensor networks cover multi-hop scenarios (network nodes communicating via other network nodes) such as conference, hospital, battlefield, rescue, and monitoring scenarios. This conference covers the area of ad-hoc and sensor systems, from physical issues up 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
- 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 11 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 days 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: April 15, 2004
Acceptance Notification due: July 20, 2004
Final Manuscript Due: August 30, 2004