

CALL FOR PAPERS

2004 International Workshop on Mobile and Wireless Ad Hoc Networking (MWAN04)

in conjunction with

The 2004 International Conference on Wireless Networks

The 2004 International Multiconference in Computer Science and Computer Engineering

Monte Carlo Resort

Las Vegas, Nevada, USA

June 21-24, 2004

<http://www.world-academy-of-science.org/IMCSE2004>

WORKSHOP OBJECTIVES

Wireless connectivity with mobility support will become an important enabling technology in future computing infrastructure. Especially, IP-based mobile networks as well as mobile ad hoc networks (MANETs) attract a lot of attention with the advent of inexpensive wireless LAN solutions such as IEEE 802.11, HIPERLAN, and Bluetooth technologies. However, the introduction of mobility raises a number of new research issues. This workshop seeks papers describing significant research contributions to the field of mobile ad hoc networking and computing. Technical papers describing original, previously unpublished research, not currently under review by another conference or journal, are solicited. We are especially interested in the theory, practice, and evaluation of mobile and wireless ad hoc networking, ad hoc computing, and sensor networks. Workshop topics include (but not limited to):

- Media access techniques
- Routing in ad hoc networks (unicast, multicast, etc.)
- Quality-of-service issues
- Security and fault-tolerance issues
- Self-configuration and distributed algorithms for mobile ad hoc networks
- Transport-layer issues
- Interaction between different layers of mobile ad hoc networks
- Integration and internetworking of wired and wireless networks
- Mobile ad hoc computing platforms, systems, and testbeds
- Low power and energy-efficient designs
- Distributed wireless sensor networks
- Pervasive computing and information services
- Applications for ad hoc networks
- Parallel algorithms for mobile computing systems

WORKSHOP CO-CHAIRS

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WORKSHOP HOMEPAGE

<http://web.engr.oregonstate.edu/~benl/MWAN04/index.htm>

SUBMISSION

Authors are requested to submit draft papers not exceeding 5 pages (single-spaced, font size of 10 or 11) in PDF format that include contact information of all the authors to Prof. Ben Lee (benl@eecs.orst.edu). The length of the camera-ready papers will be limited to 7 IEEE style pages. If you have any questions regarding the submission process, please send e-mail to benl@eecs.orst.edu.

PROCEEDINGS

The papers from this workshop will be published in the proceedings of The 2004 International Conference on Wireless Networks by CSREA Press (ISBN). The proceedings will be available at the conference (CD version of the proceedings will also be available). Some accepted papers will also be considered for journal publication.

IMPORTANT DATES

February 16, 2004: Paper due

March 22, 2004: Acceptance notification

April 21, 2004: Camera ready papers due