

Call for Papers

WASN 2006

The 2nd Workshop on Wireless, Ad Hoc, and Sensor
Networks

National Central University, Taiwan
August 10, 2006

<http://acnlab.csie.ncu.edu.tw/wasn06/>

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Chang-Wu Yu, Chung Hua U.

In recent years, enormous technological advances have been made in the areas of wireless, ad hoc, and sensor networks. Such networks have a significant impact on a variety of applications spanning scientific, military, medical, industrial, office, home and personal domains. The issues and challenges for the development of such networks not only encompass a broad spectrum of research topics but also involve envisioning new multi-disciplinary applications that will change the way in which we live and work. The goal of this workshop is to provide a forum for researchers from different backgrounds to exchange ideas, discuss solutions, and share experience. Papers are solicited in all research and applied areas related to wireless, ad hoc, and sensor networks. Awards will be given to the best papers. Selected papers (in English) will be invited to be published in Journal of Information Science and Engineering (JISE).

Topics of interest include, but are not limited to:

- *Efficient protocol designs
- *Energy and resource management
- *Multimedia/QoS communications
- *Localization techniques
- *Detection, classification, estimation and tracking
- *Synchronization and scheduling issues
- *Distributed control and actuation
- *Self-organizing network architectures
- *Collaborative data processing, data query and data dissemination
- *Operating system and middleware support
- *Adaptive topology management
- *Fault tolerance and redundancy schemes
- *Intrusion detection and tolerance
- *Authentication and access control
- *Trust establishment, negotiation, and management
- *Monitoring, guiding and alerting services
- *Performance analysis and modeling
- *Integration of wireless, ad hoc, and sensor networks
- *Novel applications of wireless, ad hoc, and sensor networks

Submission Guidelines

Authors are invited to submit an electronic version of original, unpublished manuscripts, not to exceed 8 double-columned, single-spaced pages, to web site acnlab.csie.ncu.edu.tw/wasn06. Submissions should be in PDF or Postscript format, and must be received by the deadline. All submitted papers will be refereed by reviewers in terms of originality, contribution, correctness, and presentation.

Important Dates

Paper Submission Deadline:

July 14, 2006

Author Notification:

July 21, 2006

Final Manuscript Due:

July 25, 2006