AD HOC NETWORKS

AUTHOR INFORMATION PACK

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DESCRIPTION

The *Ad Hoc Networks* is an international and archival journal providing a publication vehicle for complete coverage of all topics of interest to those involved in ad hoc and sensor networking areas. The *Ad Hoc Networks* considers original, high quality and unpublished contributions addressing all aspects of ad hoc and sensor networks. Specific areas of interest include, but are not limited to:

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Sensor Networks  
Wireless Local and Personal Area Networks  
Home Networks  
Ad Hoc Networks of Autonomous Intelligent Systems  
Novel Architectures for Ad Hoc and Sensor Networks  
Self-organizing Network Architectures and Protocols  
Transport Layer Protocols  
Routing protocols (unicast, multicast, geocast, etc.)  
Media Access Control Techniques  
Error Control Schemes  
Power-Aware, Low-Power and Energy-Efficient Designs  
Synchronization and Scheduling Issues  
Mobility Management  
Mobility-Tolerant Communication Protocols  
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Resource and Information Management  
Security and Fault-Tolerance Issues  
Hardware and Software Platforms, Systems, and Testbeds  
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Cross-Layer Interactions  
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Performance Analysis and Simulation of Protocols

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INTRODUCTION
The Ad Hoc Networks is an international and archival journal providing a publication vehicle for complete coverage of all topics of interest to those involved in ad hoc and sensor networking areas.

Specific areas of interest include, but are not limited to:

- Mobile and Wireless Ad Hoc Networks
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- Novel Architectures for Ad Hoc and Sensor Networks
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- Routing protocols (unicast, multicast, geocast, etc.)
- Media Access Control Techniques
- Error Control Schemes
- Power-Aware, Low-Power and Energy-Efficient Designs
- Synchronization and Scheduling Issues
- Mobility Management
- Mobility-Tolerant Communication Protocols
- Location Tracking and Location-based Services
- Resource and Information Management
- Security and Fault-Tolerance Issues
- Hardware and Software Platforms, Systems, and Testbeds
- Experimental and Prototype Results
- Quality-of-Service Issues
- Cross-Layer Interactions
- Scalability Issues
- Performance Analysis and Simulation of Protocols

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