AD HOC NETWORKS

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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 The Ad Hoc Networks considers original, high quality and unpublished contributions addressing all aspects of ad hoc and sensor networks.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:

Mobile and Wireless Ad Hoc Networks
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
Location Tracking and Location-based Services
Resource and Information Management
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Scalability Issues
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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- 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
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- Performance Analysis and Simulation of Protocols

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