

International Journal on AdHoc Networking Systems (IJANS)

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IJANS

**International Journal on
AdHoc Networking Systems**

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SCOPE OF THE JOURNAL

In recent years, AdHoc networks have been attracting much interest in both academic and industrial communities. International Journal on AdHoc Networking Systems is an open access peer-reviewed journal that serves as a forum to discuss on ongoing research and new contributions. The journal addresses both practical and theoretical research in the areas of ad hoc networks, sensor networks, mesh networks and vehicular networks. Its main focus is on all issues from link layer up to the application layer. The journal solicits original technical papers that were not previously published and are not currently under review for publication elsewhere.

Topics of Interest

- Wireless mesh networks and cognitive networks
- Vehicular networks and protocols
- Mobile Ad Hoc Networks
- Sensor networks
- MAC layer design for ad-hoc networks and WSNs
- MAC protocols (802.11, 802.15.4, UWB)
- Multi-channel, multi-radio and MIMO technologies
- Cross layer design and optimization
- 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, routing and transport Protocols
- Error Control Schemes
- Power-Aware, Low-Power and Energy-Efficient Designs
- Synchronization and Scheduling Issues
- Mobility Management
- Capacity planning and admission control in ad-hoc and sensor networks
- Handoff / mobility management and seamless internetworking
- Resource management and wireless QoS Provisioning
- Key management, trust establishment in wireless networks
- Security and privacy issues in ad hoc and sensor networks
- Reliability, resiliency and fault tolerance techniques
- Security, privacy issues in vehicular, DTNs, and mesh networks
- Operating systems and middle-ware support
- Novel applications and architectures for WSNs
- Modeling, analysis and performance evaluation
- Measurements and Hardware and Software Platforms, Systems, and Test bed
- Mobility-Tolerant Communication Protocols
- Location Tracking and Location-based Services
- Resource and Information Management
- Security , Privacy and Fault-Tolerance Issues
- Experimental and Prototype and test beds
- Quality-of-Service Issues
- OFDM and MIMD techniques
- Cross-Layer Interactions
- Scalability Issues
- Performance Analysis and Simulation of Protocol

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Review Process

Submissions are accepted for review with the understanding that the same work has been neither submitted to, nor published in, another publication. Simultaneous submission to other publications will result in immediate rejection of the paper. Papers are not within the journal scope will be rejected immediately after the pre review process.

All manuscripts will be subject to a well established, fair, unbiased peer review and refereeing procedure, and are considered on the basis of their significance, novelty and usefulness to the Journals readership. The reviewing structure will always ensure the anonymity of the referees & it will be reviewed by 3 experts in the field. The review output will be one of the following decisions:

1. Accept
2. Accept with minor changes
3. Weak Accept with major changes
4. Reject

The review process may take approximately two to three months to be completed. The Editor reserves the right to reject a paper if it does not meet the aims and scope of the journal and if it is not revised as per instructions.

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