Special Issue

Wireless Ad Hoc Networks

Message from the Guest Editors

In this Special Issue, we aim to collate a range of state-of-the-art research papers focused on novel approaches for managing the complexity of a network characterized by high mobility and uncertain membership. Accordingly, we invite submissions on a range of potential approaches aimed at the agile management of wireless ad hoc networks. Moreover, we are seeking papers in new, and potentially transformational, applications of these networks. Topics of interest include, but are not limited to, the following themes:

- The application of software defined networking to MANETs
- Machine learning techniques for network management
- Interworking between the Fog computing paradigm and MANETs
- Wireless mist computing: applications and architectures
- Distributed low-complexity cyber defense strategies
- Trust and sharing models for MANETs, e.g., Blockchain technologies
- Agile software defined radio for optimal link performance
- The application of Ad Hoc Network technologies to mission critical systems
- Smart phones as a platform for MANET applications
- Transformational applications of MANETs

Guest Editors

Dr. Robert C. Atkinson

Dr. Christos Tachtatzis

Dr. Xavier Bellekens

Deadline for manuscript submissions

closed (31 July 2019)

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About the Journal

Message from the Editor-in-Chief

I encourage you to contribute research and comprehensive review articles for publication in Journal of Sensors and Actuator Networks (JSAN), an international, open access journal which provides an advanced forum for research findings in areas of sensors and actuators. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sensors and actuators and fostering applications of sensor-based measurements and effective actuator incorporation.

Editor-in-Chief

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 19 days after submission; acceptance to publication is undertaken in 5.6 days (median values for papers published in this journal in the second half of 2024).

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