



## Wireless Ad Hoc Networks

Guest Editors:

**Dr. Robert C. Atkinson**

Department of Electronic and  
Electrical Engineering, University  
of Strathclyde, Glasgow G1 1XW,  
UK

**Dr. Christos Tachtatzis**

Department of Electronic and  
Electrical Engineering, University  
of Strathclyde, 16 Richmond  
Street, Glasgow G1 1XQ, UK

**Dr. Xavier Bellekens**

Department of Electronic and  
Electrical Engineering, University  
of Strathclyde, Glasgow, Scotland  
G1 1XW, UK

Deadline for manuscript  
submissions:

**closed (31 July 2019)**



### 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



an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Lei Shu

1. College of Smart Agriculture  
(Artificial Intelligence), Nanjing  
Agricultural University, Nanjing  
210031, China  
2. School of Engineering, College  
of Science, University of Lincoln,  
Lincoln LN6 7TS, UK

## 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.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, ESCI (Web of Science), dblp, Inspec, and other databases.

**Journal Rank:** JCR - Q2 (Computer Science, Information Systems) / CiteScore - Q1 (Control and Optimization)

## Contact Us

---

*Journal of Sensor and Actuator  
Networks* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
www.mdpi.com

mdpi.com/journal/jsan  
jsan@mdpi.com  
X@JSAN\_MDPI