Journal of
Sensor and Actuator Networks

an Open Access Journal by MDPI

IMPACT FACTOR 4.2

CITESCORE 9.4

Machine Learning in IoT Networking and Communications

Guest Editor:

Dr. Mona Jaber
School of Electronic Engineering and Computer Science, Queen Mary University of London, Mile End Road, London E1 4NS, UK

Deadline for manuscript submissions:
closed (31 March 2022)

Message from the Guest Editor

The marriage of ML and IoT has a pivotal role in enabling smart environments with precision in decision-making and adaptive automation. The biggest challenge in pushing forward the seamless integration of ML and IoT systems is the exportability of technologies which creates opportunities for novel research and interdisciplinary efforts. The papers in this Special Issue will focus on state-of-the-art research and challenges in leveraging ML and IoT. In this Special Issue, we shall solicit papers that cover numerous topics of interest that include but are not limited to:

- ML and IoT for system deployment and operation;
- ML and IoT for assisted automation;
- ML-enabled real-time IoT data analytics;
- ML- and IoT-enabled digital twin;
- Cloud/edge computing systems for IoT employing ML;
- ML-enabled spatial-temporal IoT data fusion for intelligent decision making;
- Data-centric simulations for IoT systems;
- ML for IoT application orchestration;
- ML for managing security in IoT data processing;
- ML for IoT attack detection and prevention;
- Testbed and empirical studies.

Journal of
Sensor and Actuator Networks

IMPACT FACTOR 4.2

CITESCORE 9.4

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