Special Issue

Machine Learning in IoT Networking and Communications

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.

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)

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Journal of Sensor and Actuator Networks
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
jsan@mdpi.com

mdpi.com/journal/jsan

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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

Prof. Dr. Lei Shu
1. College of Artificial Intelligence, Nanjing Agricultural University, Nanjing 210031, China
2. School of Engineering, College of Science, University of Lincoln, Lincoln LN6 7TS, UK

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