Machine Learning Techniques for Energy Efficient IoT Networks

Guest Editors:

Prof. Dr. Muhammad Mahtab Alam

Thomas Johann Seebeck Department of Electronics, Tallinn University of Technology, 19086 Tallinn, Estonia

Dr. Ahmed Zoha

School of Engineering, University of Glasgow, Glasgow G12 8QQ, Scotland, UK

Deadline for manuscript submissions:
closed (30 October 2023)

Message from the Guest Editors

The objective of this Special Issue is to bring together recent progress in scientific and practical experiences, theory, modeling, design, implementation, deployment, and management of the IoT networks.

- Energy-efficient machine learning methods for Internet of things.
- Energy-efficient data prediction in IoT networks.
- Energy-efficient data analytics in IoT networks.
- Energy-efficient machine learning methods for edge-IoT networks.
- Machine-learning-enabled system architectures for IoT applications.
- Lightweight machine-learning-based security design for IoT networks.
- Machine-learning-enabled secure and privacy-preserving IoT communications.
- Low-energy energy-harvesting wireless communication in IoT networks.
- Machine-learning-based energy-efficient resource allocation in IoT networks.
- New application implementations by machine learning methods.

Special Issue

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro
Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. *Sensors* organizes Special Issues devoted to specific sensing areas and applications each year.

Author Benefits

Open Access : free for readers, with article processing charges (APC) paid by authors or their institutions.
High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Ei Compendex, Inspec, Astrophysics Data System, and other databases.
Journal Rank: JCR - Q2 (*Instruments & Instrumentation*) / CiteScore - Q1 (*Instrumentation*)

Contact Us