# Scalable Blockchain and AI-Based Embedded IoT Systems for Smart Spaces

Guest Editor:

**Dr. Faisal Jamil**
Department of Computer Science, School of Computing and Engineering, University of Huddersfield, Huddersfield, UK

Deadline for manuscript submissions:
**closed (1 December 2022)**

## Message from the Guest Editor

The Internet of Things (IoT) has been playing a vital role in adding value to human lives. In recent years, IoT applications have been coupled with machine learning techniques to form intelligent IoT-enabled blockchain applications. However, for intelligent IoT nodes, the machine learning technologies should be lightweight in order to meet the constrained capabilities of the embedded hardware. This Special Issue aims to highlight advances in the open research topics in this field, which include, but are not limited to, the following:

- Optimize existing machine learning architecture for embedded IoT devices;
- Lightweight machine learning architecture and frameworks;
- Distributed predictive optimization;
- Positioning systems and infrastructures;
- Energy-saving and energy harvesting methods and techniques;
- Blockchain for security and privacy;
- Data collection and management methods (big data and data retrieval);
- Lightweight intelligent IoT service orchestration;
- Intelligent IoT for lightweight driver-assistance systems in electric vehicles.

mdpi.com/si/91723

**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 (*Chemistry, Analytical*) / CiteScore - Q1 (Instrumentation)

## Contact Us