Special Issue

Intelligent Industrial Internet of Things: From Theory to Real-World Applications

Message from the Guest Editors

The Intelligent Industrial Internet of Things (IoT) has enabled industrial sectors to successfully integrate machinery, devices, and sensors with digital systems, networks, and data-driven applications. This Special Issue's main objective is to establish the connection and symmetry between academic teachings and industrial needs in the realm of Intelligent Industrial IoT by showcasing theory, innovative applications/use-cases, and prospective developments from both an academic and industrial perspective. We invite innovative and original research contributions to cover all aspects of the development and application of the following and related topics, including but not limited to:

- Training methods for Intelligent IoT;
- Artificial intelligence in IoT;
- IoT for intelligent acoustic monitoring;
- Computing on the edge;
- On-device signal processing;
- Cybersecure IoT domains;
- IoT for naturalized environments (nature-based solutions);
- Industrial challenges for the IoT;
- Quantum networks for IoT domains;
- Data-driven applications for IoT;
- Intelligent Industrial IoT for health;
- Web of Things and Intelligent Industrial Internet of Things;

Guest Editors

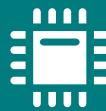Dr. Joan Navarro

Dr. Víctor Caballero

Prof. Dr. Agustín Zaballos

Dr. Alan Briones

Dr. Ester Vidaña

Deadline for manuscript submissions

closed (20 December 2024)

Sensors

About the Journal

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.

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