

Special Issue

Intelligent Sensors and Machine Learning

Message from the Guest Editors

This Special Issue focuses on the intelligent processing of sensor data via both edge and high-performance computing. With the advent of the Internet of Things, sensor data is generated at a rate of petabytes per day. Given this amount of data, intelligent processing of the data is needed near the sensor using edge computing. Also, because of the advances in high performance computing, large data sets can now be processed for training machine learning algorithms. Specifically, deep learning paradigms enable sophisticated transformation of the sensor data into usable information. This Special Issue invites papers that describe using machine learning techniques to process sensor data via both edge and high-performance computing.

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Deadline for manuscript submissions

closed (20 February 2023)



Sensors

an Open Access Journal
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Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



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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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