Special Issue

Sensors Data Processing Using Machine Learning

Message from the Guest Editors

The main aim of this Special Issue is to collect research focusing on data processing using machine learning and deep learning. We invite investigators to contribute both original and review articles, covering the research and development in the areas of data processing using machine learning (ML) and deep learning (DL). These areas include solutions that are designed for smart devices. Potential topics include, but are not limited to, the following:

- Machine-learning-based deblurring/denoising;
- Machine-learning-based computer vision;
- Machine-learning-based depth estimation;
- Evaluation of 3D models using machine learning and deep learning;
- Recognition of 3D models using machine learning and deep learning;
- New trends and applications for systems based on machine learning;
- Pattern recognition using machine learning and deep learning;
- Machine-learning-based segmentation, shape detection;
- Machine-learning-based object detection, object tracking, object localization.

Guest Editors

Prof. Dr. Peter Hockicko

Prof. Dr. Róbert Hudec

Dr. Patrik Kamencay

Deadline for manuscript submissions

closed (25 August 2023)

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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.

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

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