



an Open Access Journal by MDPI

Sensors Data Processing Using Machine Learning

Guest Editors:

Prof. Dr. Peter Hockicko

Faculty of Electrical Engineering and Information Technology, Department of Physics, University of Zilina, 010 26 Zilina, Slovakia

Prof. Dr. Róbert Hudec

Department of multimedia and information-communication technologies, FEIT, University of Zilina, Univerzitna 8215/1, 01026 Zilina, Slovakia

Dr. Patrik Kamencay

Department of Multimedia and Information-Communication Technologies, University of Zilina, 010 26 Zilina, Slovakia

Deadline for manuscript submissions: closed (25 August 2023)



Message from the Guest Editors

Dear Colleagues,

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.







an Open Access Journal by MDPI

Editor-in-Chief

Message from the 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

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

Sensors Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/sensors sensors@mdpi.com X@Sensors_MDPI