Machine Learning Based 2D/3D Sensors Data Understanding and Analysis

Guest Editors:

Prof. Dr. Yanyun Qu
School of Informatics, Xiamen University, Xiamen 361005, China

Dr. Jing Yang
School of Automation Science and Engineering, Xi'an Jiaotong University, Xi'an 710049, China

Deadline for manuscript submissions:
closed (30 October 2023)

Message from the Guest Editors

The growing development of various 2D/3D image sensors which could do more and more complex work including detecting, recognizing, reconstructing, and predicting objects, makes image sensing and processing necessary all over the world in different domains, such as medicine, mechanics, sociology and so on. Machine learning methods, a branch of artificial intelligence (AI) and computer science, focus on the use of data and algorithms to imitate the way that humans learn. Given this, a variety of machine learning methods such as supervision, un-supervision and semi-supervision are quickly becoming the state-of-the-art for 2D/3D understanding in these fields. Therefore, the ultimate outcome would be increased quality of life and improving social services to the population.

This Special Issue seeks original submissions and the latest technologies covering all topics relating to the applications of machine learning with image sensors. Submissions related to new sensor data understanding are also welcome.

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