Recent Advances in Artificial Intelligence and Deep Learning for Sensor Information Fusion

Guest Editors:

Prof. Dr. Han-Chieh Chao
Department of Electrical Engineering, National Dong Hwa University, Taiwan

Dr. Chi-Yuan Chen
Department of Computer Science and Information Engineering, National Ilan University, Yilan, Taiwan

Dr. Fan-Hsun Tseng
Department of Technology Application and Human Resource Development, National Taiwan Normal University, Taiwan

Deadline for manuscript submissions:
closed (30 January 2019)

Message from the Guest Editors

Dear Colleagues,

This Special Issue will focus on AI and deep learning for sensor information fusion.

Topics of interest include, but are not limited to:

- AI and deep learning for sensor information fusion system
- System architecture of AI sensors and multi-sensors
- Learning model for sensor information fusion
- Intelligent-based fusion techniques for multi-sensor system
- AI and deep learning for sensor fusion decision
- AI and deep learning for sensor applications
- Deep learning and machine learning for sensor message control
- Intelligent and learning-based sensor communication technology
- Learning-based fusion processing for sensor and multi-sensor system
- AI and deep learning for data mining in IoT
- AI chips for sensors, UAVs, home appliances and mobile devices

For further reading, please follow the link to the Special Issue Website at:

www.mdpi.com/journal/sensors/special_issues/Sensor_Information_Fusion

mdpi.com/si/13775

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 (*Instruments & Instrumentation*) / CiteScore - Q1 (*Instrumentation*)

Contact Us