

Special Issue

Artificial Intelligence for Smart Sensing, Test and Measurement

Message from the Guest Editors

The automated measurement tasks related to the monitoring of biomedical, environmental and industrial processes have become a reality in the context of the latest developments in the field of sensors, real-time processing systems and communication protocols. Based on applied computational intelligence and machine learning techniques, useful information can be extracted. In the medical field, this could be information associated with disease diagnosis or the evolution of human health status according to applied treatment. Other examples include the extraction of information of anomalous functioning of an industrial system or the forecasting of the production of a photovoltaic system for a period of time. The Special Issue aims to highlight recent advances related to artificial intelligence algorithms, including machine learning and computational intelligence algorithms, applied in the field of sensors and automated measurement systems. Thus, we welcome contributions considering different fields of applications of the AMS (e.g., biomedical, environmental, industrial) where the implemented AI can assure higher accuracy and reliability of the systems.

Guest Editors

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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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