

Special Issue

Sensor Data Fusion and Analysis for Automation Systems

Message from the Guest Editor

Research on sensor data fusion and data analysis for various automation systems has made significant progress in both theoretical investigation and practical applications in many fields, such as sensing, path planning, tracking, and control of various autonomous robotic systems; health monitoring, damage identification, multi-sensor fusion, sensing and signal processing for bridges and roads; and monitoring, information analysis, and decision making of various environmental, structural, agricultural, and manufacturing systems. Various advanced intelligent algorithms and technologies have been developed for accurate information acquisition, effective monitoring, accurate prediction, optimal decision making, and efficient operation for diversified automation systems. This Special Issue is devoted to new advances and research results on sensor data fusion and analysis for various automation systems in transportation, robotics, agriculture, and industry. It will publish work exploring frontier technology and applications in related fields.

Guest Editor

Prof. Dr. Simon X. Yang

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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.

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

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