

Special Issue

Versatile Intelligent Portable Sensors for Mechatronic Autonomous Systems

Message from the Guest Editors

This SI aims to present new trends in the design, control, and applications of real-time intelligent sensor system control using advanced intelligent control methods and Versatile intelligent portable (VIP) techniques for mechatronic autonomous systems (*MASs*). Thus, we welcome the submission of original research and review papers that report recent advancements in intelligent control using intelligent sensors, particularly submissions related to the integration of innovative multisensor fusion techniques in *MASs*, including robot systems, which combine computer vision, virtual and augmented reality (VR and AR), intelligent communication (e.g., remote control), adaptive sensor networks, and intelligent decision support systems (IDSSs, e.g., remote sensing) and their integration with DSS, such as GA-based DSS, fuzzy-set DSS, rough-set-based DSS, intelligent agent-assisted DSS, process mining integration for decision support, adaptive DSS, computer vision-based DSS, sensory and robotic DSS, human–robot (H2R) interaction systems, and machine-to-machine (M2M) interfaces.

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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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