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Advanced Intelligent Control in Robots

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Deadline for manuscript
submissions:

closed (31 December 2022)

Message from the Guest Editors

This SI aims to present and communicate new trends in the design, control, and applications of real-time intelligent sensor system control using advanced intelligent control methods and techniques in robotics.

We welcome the submission of original research papers and review papers that report recent advancements in intelligent control using intelligent sensors. In particular, we encourage submissions related to the use of innovative multisensor fusion techniques integrated on robots that combine computer vision, virtual and augmented reality (VR/AR), intelligent communication, adaptive sensor networks, and intelligent decision support systems (IDSS) and their integration with DSS, such as GA-based DSS, fuzzy set DSS, rough-set-based DSS, sensory and robotic DSS, human–robot (H2R) interaction systems, and machine-to-machine (M2M) interfaces.

- Advanced intelligent control
- Robot control
- Rehabilitation
- Mobile robots
- Intelligent sensor systems
- Intelligent decision support systems
- New technologies
- Adaptive sensor networks
- Virtual and augmented reality
- Intelligent remote control and communication



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Special Issue



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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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