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Advanced Intelligent Control in Robots

Guest Editors:

Prof. Dr. Luige Vladareanu

Prof. Dr. Hongnian Yu

Prof. Dr. Hongbo Wang

Dr. Yongfei Feng

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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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

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Contact Us

Sensors Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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