

Special Issue

Recent Advances towards Frontier Research in Wearable Robotics

Message from the Guest Editors

In recent years, wearable robotics have undergone significant and rapid evolution, becoming a source of many cutting-edge technologies in diverse research fields and for various frontier engineered applications. To help advance wearable robotics' horizon research, this Special Issue aims to collect original contributions from prospective authors committed to conducting research on robotics, mechatronics, bioengineering, artificial intelligence, and other relevant fields. Reviews are also welcome. Topics of interest include (but are not limited to):

- Human-centered design;
- Human-robot interaction;
- Robotic wearable devices for physical rehabilitation and assistance;
- Robotic wearable devices for workers' physical augmentation;
- Control strategies for exoskeletons and prostheses;
- Novel wearable sensors for exoskeletons and prostheses;
- Integration of sensors with wearable robotic platforms;
- Wearable sensors exploitation in rehabilitation and assistive scenarios;
- Environment sensing for exoskeletons/prostheses assessment;
- In-lab and out-of-the-lab evaluation studies.

Guest Editors

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Deadline for manuscript submissions

closed (31 July 2023)



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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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