Special Issue

Wearable & Soft Robotics Technologies and Beyond

Message from the Guest Editors

In recent years, the field of wearable robotics has undergone a dramatic change, from rigid systems to soft exoskeletons and suits, emerging as a research topic in robotics and progressively bringing wearable technologies a step closer towards use in daily life. Despite such growing interest in soft wearable robotics, several issues are currently limiting their applicability in daily life, such as non-robust design and control, bulkiness, improper force human–robot interaction, and high power consumption, to mention a few. This Special Issue aims to bridge the gap between available technologies and application needs. The focus includes novel actuator mechanisms, biologically inspired and biomimetic designs, FES-based hybrid systems, intelligent controls, and user-based evaluations in real-world scenarios. Additionally, we seek research to assess the practical potential and impact of soft wearable robots on people with disabilities, athletes, workers, and others.

Guest Editors

Dr. Emanuele Lindo Secco

Robotics Lab, School of Mathematics, Computer Science and Engineering, Liverpool Hope University, Hope Park, Liverpool L16 9JD, UK

Dr. Stefano Dalla Gasperina

NearLab, Department of Electronics, Information and Bioengineering, Politecnico di Milano, 20133 Milan, Italy

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MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sensors@mdpi.com

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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
Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

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