Special Issue

Intelligent Rehabilitation and Assistive Robotics

Message from the Guest Editor

In recent decades, microrobotics have demonstrated increasingly revolutionary advantages across various industries and everyday life. Operating within nano- to millimeter scales, micro- and nano-robots exhibit a growing diversity of forms, facilitating the manipulation of a wider array of objects and expanding potential applications. While the field has made significant strides, substantial challenges remain on the path to practical applications.

In this Special Issue, we aim to showcase the latest advancements in intelligent micro- and nano-robotic systems, encompassing their design, development, and applications. Topics of particular interest include, but are not limited to, the following: the actuation and control of microrobots, micromanipulators, microactuators, and microsensors; human–robot interactions for microrobots; machine learning of micro-objects; and diverse applications thereof.

Guest Editor

Dr. João Quintas

Laboratory for Automation and Systems, Instituto Pedro Nunes, 3030-199 Coimbra, Portugal

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32, 20133 Milano, Italy

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