Special Issue

Advanced Human–Machine Interaction and Assistive Robotics for Rehabilitation

Message from the Guest Editor

Assistive robotics has gained significant traction as a field dedicated to enhancing the quality of life for individuals with disabilities. Recent advancements in artificial intelligence (AI) and robotics have expanded the capabilities of assistive robots, enabling them to support rehabilitation, social interaction, and daily living activities. From wearable robots to autonomous companions, these systems are revolutionizing the way we approach neurological rehabilitation and assistive care. This Special Issue of *Machines* seeks to highlight the latest advancements in human–machine interactions and assistive robotics, with a focus on their application in neurorehabilitation.Topics of interest include, but are not limited to, the following:

- **Assistive Robotics**
- **Social Robots**
- **Wearable Robots**
- **Rehabilitation Robots**
- **Human–Machine Interaction**
- **Robotic Manipulators**
- **Autonomous Robot Companions**
- **AI and Machine Learning in Robotics**
- **Sensor Integration and Control Systems**

Guest Editor

Dr. Alejandro Ramirez
Applied Computing Department, Universidade do Vale do Itajai, Itajai, Brazil

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Machines
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
machines@mdpi.com

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Message from the Editor-in-Chief

Machines is an international, peer reviewed journal on machinery and engineering. It publishes research articles, reviews and communications.
Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the length of the papers. Full experimental and/or methodical details must be provided.
There are, in addition, unique features of this journal: Manuscripts regarding research proposals and research ideas will be particularly welcomed; Electronic files or software regarding the full details of the calculation and experimental procedure - if unable to be published in a normal way can be deposited as supplementary material.

Editor-in-Chief

Prof. Dr. Antonio J. Marques Cardoso
CISE - Electromechatronic Systems Research Centre, University of Beira Interior, Calçada Fonte do Lameiro, P-6201-001 Covilhã, Portugal

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