

## Special Issue

# Rehabilitation Robotics: Design, Applications and Challenges

### Message from the Guest Editor

Over the last few decades, the use of robotic devices in the rehabilitation field has expanded and is considered as an effective means to improve conventional therapies. Due to the inherent features of robots, robot-mediated therapy can provide actively powered assistance, precise measurement of motion, and quantitative outcome analysis, resulting in the objective assessment of patient status and proper planning of further treatment. In addition, the rapidly growing AI technologies can facilitate the analysis of measured data and decision-making; therefore, the combination of AI and robotic devices is expected to advance the current rehabilitation technology, resulting in large clinical, economic, and social impacts on the rehabilitation field. This Special Issue aims to address the state-of-the-art in rehabilitation robotics and identify the future challenges for the successful settlement of rehabilitation robots in clinical and home environments.

### Guest Editor

Dr. Je Hyung Jung

Health Division, TECNALIA, Basque Research and Technology Alliance (BRTA), 20009 San Sebastian, Spain

### Deadline for manuscript submissions

closed (31 December 2023)



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*Machines*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[machines@mdpi.com](mailto:machines@mdpi.com)

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### Message from the Editor-in-Chief

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### 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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