



Actuators and Robotic Devices for Rehabilitation and Assistance

Guest Editors:

Dr. Monica Tiboni

Department of Mechanical and Industrial Engineering, University of Brescia, 25121 Brescia, Italy

Dr. Monica Malvezzi

Department of Information Engineering and Mathematics, University of Siena, Via Roma 56, 53100 Siena, Italy

Dr. Maria Cristina Valigi

Department of Engineering, University of Perugia, 06125 Perugia, Italy

Deadline for manuscript submissions:

31 March 2025

Message from the Guest Editors

In this Special Issue, we would like to present recent research findings and novel approaches in the field of Actuators and Robotic Devices for Rehabilitation and Assistance. This includes but is not limited to:

- Robotic rehabilitation devices;
- Robotic assistance devices;
- Rehabilitative or assistive device control;
- Rehabilitative or assistive actuation;
- Exoskeletons for rehabilitation or assistance;
- End-effector robots;
- Service robotics;
- Series-elastic actuators;
- Pneumatic artificial muscles;
- Soft actuators;
- Supernumerary extra limbs;
- Wearable robots.

