



Physical Human-Robot Interaction and Robot Manipulation

Guest Editors:

Dr. Andrea Cirillo

Dipartimento di Ingegneria,
Università Degli Studi Della
Campania “Luigi Vanvitelli”, Via
Roma 29, 81031 Aversa, CE, Italy

Dr. Salvatore Pirozzi

Dipartimento di Ingegneria,
Università degli Studi della
Campania “Luigi Vanvitelli”, Via
Roma, 29, 81031 Aversa, CE, Italy

Deadline for manuscript
submissions:
closed (31 August 2023)

Message from the Guest Editors

While robotics scientists are moving toward the creation of humanoid robots thought to be able to work alongside humans in human-centric and unstructured environments, industries are faced with even more complex tasks that require important technological advances and, in particular, human-like features in the new generation of robotic systems

This Special Issue collects the experience of academic and industrial scientists in order to discuss and present state-of-the-art technologies used to confront the most relevant problems in human–robot interaction application and autonomous object grasping and manipulation.

Potential submission topics include but are not limited to the following:

- Tactile/Force Sensor Technology;
- Vision Sensory Systems;
- Object Recognition;
- Object Grasping and Manipulation;
- Human-Robot Cooperative Systems;
- Human-Robot Interaction Control Algorithm;
- Trajectory Planner Algorithm for Grasping and Unintended Collision Avoidance.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Flavio Canavero

Department of Electronics and
Telecommunications,
Politecnico di Torino, 10129
Torino, Italy

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guestedited by leading experts in selected topics of interest.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), CAPlus / SciFinder, Inspec, Ei Compendex and other databases.

Journal Rank: JCR - Q2 (Engineering, Electrical and Electronic) / CiteScore - Q1 (Electrical and Electronic Engineering)

Contact Us

Electronics Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/electronics
electronics@mdpi.com
[X@electronicsMDPI](https://x.com/electronicsMDPI)