

Special Issue

Physical Human-Robot Interaction and Robot Manipulation

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.

Guest Editors

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About the Journal

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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.

Editor-in-Chief

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