Special Issue

Advances in Aerial, Space, and Underwater Robotics

Message from the Guest Editors

This Special Issue aims to disseminate the latest research achievements in aerial, space, and underwater robotics, with particular emphasis on the design, kinematics, dynamics, vibrations, and control (autonomous or via human–robot interfaces) of these systems. Potential topics include, but are not limited to:

- Design of aerial, space, and underwater robots;
- Kinematics, dynamics, identification, and control of robots;
- Redundancy, kinematic control, and optimization;
- Underactuated robots;
- Motion planning;
- Vibration control;
- Grasping and manipulation;
- Human–robot interfaces, including teleoperation, VR/AR, and haptic systems;
- Variable autonomy, shared control, and mixed-initiative systems;
- Vision, sensing, perception, navigation, and object tracking;
- Cooperative and networked robots;
- Collaborative robots and human–robot interaction.

We look forward to receiving your submissions for this Special Issue.

Guest Editors

Dr. Silvio Cocuzza

Prof. Dr. Alberto Doria

Prof. Benedetto Allotta

Deadline for manuscript submissions

closed (31 July 2022)

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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