

## Special Issue

# Advanced Sensing and Control Technologies for Autonomous Robots

### Message from the Guest Editors

With the advantages of noteworthy dexterity, maneuverability and high-efficiency to perform a growing variety of tasks, autonomous robots are getting increasingly intelligent and complex to achieve difficult operations with comprehensive utilization of sensors, mounted manipulator, actuators, controllers, etc. Autonomous robots are capable of acting in swarms and offering total flexibility for industrial applications, which have expanded significantly from manufacturing and automation. This special collection aims to provide up-to-date research concepts, theoretical findings and practical solutions for autonomous robots concerning perception, navigation, and motion control.

### Guest Editors

Dr. Yuanlong Xie

Dr. Shiqi Zheng

Dr. Zhaozheng Hu

Prof. Dr. Shuting Wang

### Deadline for manuscript submissions

closed (30 December 2023)



## Sensors

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### Message from the Editor-in-Chief

*Sensors* is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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### Editor-in-Chief

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