



an Open Access Journal by MDPI

# Autonomous Mobile Robots in Open World

Guest Editors:

### Prof. Dr. Zdzisław Kowalczuk

Department of Decision Systems and Robotics, Faculty of Electronics, Telecommunications and Informatics, Gdansk University of Technology, Narutowicza 11/12 80-233 Gdańsk, Poland

#### Dr. Mariusz Domżalski

Department of Decision Systems and Robotics, Faculty of Electronics, Telecommunications and Informatics, Gdanska University of Technology, Narutowicza 11/12 80-233 Gdanska, Poland

### Dr. Michał Czubenko

Department of Decision Systems and Robotics, Faculty of Electronics, Telecommunications and Informatics, Gdanska University of Technology, Narutowicza 11/12 80-233 Gdanska, Poland

# Message from the Guest Editors

Dear Colleagues,

We are pleased to invite you to submit your papers to this Special Issue of *Robotics*, "Autonomous Mobile Robots in Open World". This Special Issue aims to introduce the latest research progress in the field of mobile robotics, especially in autonomous contexts. We encourage submissions of conceptual and empirical papers focused robotics in the open world, especially applied to the mapping of open world, perception, decision making and control of autonomous robots. Different types of approaches related to this field are welcome.

Prof. Dr. Zdzisław Kowalczuk Dr. Mariusz Domżalski Dr. Michał Czubenko *Guest Editors* 

Deadline for manuscript submissions:



mdpi.com/si/16855







an Open Access Journal by MDPI

### **Editor-in-Chief**

#### Prof. Dr. Marco Ceccarelli

LARM2: Laboratory of Robot Mechatronics, Department of Industrial Engineering, University of Rome Tor Vergata, Via del Politecnico 1, 00133 Roma, Italy

### Message from the Editor-in-Chief

It is my great pleasure to welcome you to our open access journal, *Robotics*, which is dedicated to both the foundations of artificial intelligence, bio-mechanics and mechatronics, and the real-world applications of robotic perception, cognition and actions. The 21st century is the robotics century and intelligent robots will change our lifestyle forever. Let us work together toward the realization of intelligent robots step by step.

It is great fun to create intelligent robots and imagine their practical applications. *Robotics* is now ready to serve you in the long journey towards such a goal.

# **Author Benefits**

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions. **High Visibility:** indexed within Scopus, ESCI (Web of Science), dblp, Inspec, and other databases.

Journal Rank: JCR - Q2 (Robotics) / CiteScore - Q1 (Mechanical Engineering)

### **Contact Us**

*Robotics* Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/robotics robotics@mdpi.com X@RoboticsMDPI