

Special Issue

Advances in Robots for Hazardous Environments in the UK

Message from the Guest Editors

Hazardous environments can be found in many industrial application areas, including nuclear, oil and gas, space and mining. The inspection, maintenance and repair of assets in these environments can often only be achieved using robotic platforms due to safety or access restrictions. For many of these application areas, the adoption of robotic technology is likely to secure long-term commercial and sustainable viability. A significant amount of research is being conducted in the UK to develop robotic solutions to overcome some of the challenges faced in these hazardous environments through the four-year Industrial Strategy Challenge Fund's "Robotics for a Safer World" scheme. This Special Issue aims to disseminate and promote the advanced research developments generated by this scheme in the areas of robotics, autonomous systems, integrated sensing and mission planning with an emphasis on real-world deployments. Prof. Dr. Manuel Giuliani

Guest Editors

Prof. Dr. Simon Watson

Prof. Dr. Barry Lennox

Prof. Dr. Manuel Giuliani

Prof. Dr. Maurice Fallon

Deadline for manuscript submissions

closed (31 May 2021)



Robotics

an Open Access Journal
by MDPI

Impact Factor 2.9
CiteScore 6.7



mdpi.com/si/47959

Robotics
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
robotics@mdpi.com

[mdpi.com/journal/
robotics](https://mdpi.com/journal/robotics)





Robotics

an Open Access Journal
by MDPI

Impact Factor 2.9
CiteScore 6.7



[mdpi.com/journal/
robotics](https://mdpi.com/journal/robotics)



About the Journal

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.

Editor-in-Chief

Prof. Dr. Marco Ceccarelli

LARM: Laboratory of Robotics and Mechatronics, University of Cassino and South Latium, 03043 Cassino, Italy

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)