Special Issue

Nonlinear Control and Neural Networks in Robotics

Message from the Guest Editors

This Special Issue is designed to capture some of these advances at the crossroads of nonlinear control theory and advanced feedforward modeling. Novel theoretical results are encouraged as are advancements in technology based on the underlying emerging techniques in controls and deep learning. We will also welcome review papers that will provide succinct coverage of the timeline of advancement in controls and robotics from the late 90s to the current iteration.

Guest Editors

Prof. Dr. Aman Behal

Department of Electrical and Computer Engineering and the NanoScience Technology Center, University of Central Florida, Orlando, FL 32816, USA

Dr. Rushikesh Kamalapurkar

School of Mechanical and Aerospace Engineering, Oklahoma State University, Stillwater, OK, USA

Deadline for manuscript submissions

closed (15 November 2022)

Robotics

an Open Access Journal by MDPI

Impact Factor 3.3
CiteScore 7.7

mdpi.com/si/107480

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

mdpi.com/journal/robotics

Robotics

an Open Access Journal by MDPI

Impact Factor 3.3
CiteScore 7.7

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
LARM2: Laboratory of Robot Mechatronics, Department of Industrial Engineering, University of Rome Tor Vergata, Via del Politecnico 1, 00133 Roma, 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 (Control and Optimization)