Special Issue

Intelligent Robotics

Message from the Guest Editors

This Special Issue intends to provide a forum for the dissemination of works that exploit this synergy between AI and Intelligent Robotics to solve complex tasks. Recent developments in both fields, together with hardware developments that make available to robots and other intelligent physical agents a higher computing power and more capable sensors and actuators, provide the grounding for innovative solutions lying in the intersection of AI and Intelligent Robotics, which may be published in this Special Issue. Keywords

- Autonomous robots
- Cognitive robotics
- Computer vision
- Distributed multirobot or multiagent coordination
- Embodied multiagent systems
- Evolutionary robotics and swarm robotics
- Humanoid robots
- Human–robot interaction
- Modeling and simulation of complex robots
- Multirobot systems
- Robot behavior engineering
- Robot learning
- Robot planning
- SLAM, navigation and exploration
- Social and service robots

Guest Editors

Dr. Nuno Lau

Departament of Electronics, Telecommunications and Informatics (DETI), Institute of Electronics and Informatics Engineering of Aveiro (IEETA), University of Aveiro, 3810-193 Aveiro, Portugal

Prof. Dr. Luis Paulo Reis

Universidade do Porto, Praça de Gomes Teixeira, 4099-002 Porto, Portugal

Prof. Dr. Rui P. Rocha

Universidade de Coimbra, 3004-531 Coimbra, Portugal

Deadline for manuscript submissions

closed (31 October 2021)

Applied Sciences

mdpi.com/journal/
applsci

About the Journal

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

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32, 20133 Milano, Italy

Author Benefits

Open Access:
free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:
indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:
JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)