Special Issue

Intelligent Control and Application for Robotics

Message from the Guest Editor

In our everyday lives, intelligent robot systems are being increasingly and more widely applied. To improve the ability of robots to learn, adapt, and operate, intelligent control which mimics human intelligence is a useful and well-known advanced technique. Intelligent control includes various artificial intelligence techniques such as fuzzy logic control, neuro-fuzzy control, expert systems, genetic control, evolutionary algorithms, reconfigurable control, and swarm algorithms. This Special Issue, entitled "Intelligent Control and Applications for Robotics", is focused on the latest novel advancements of intelligent control methods in robotic applications. Topics of interest include, but are not limited to:

- Intelligent control and its application;
- Intelligent robotics and related fields;
- Internet of Things;
- Multi-agent systems;
- Advanced robot control systems;
- Optimal and learning control;
- Soft computing.

Guest Editor

Prof. Dr. Chinwang Tao

Department of Electrical Engineering, National Ilan University, Yilan, Taiwan

Deadline for manuscript submissions

closed (31 August 2023)

Electronics

an Open Access Journal by MDPI

Impact Factor 2.6
CiteScore 6.1

About the Journal

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guestedited by leading experts in selected topics of interest.

Editor-in-Chief

Prof. Dr. Flavio Canavero
Department of Electronics and Telecommunications, Politecnico di Torino, 10129 Torino, Italy

Author Benefits

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

Journal Rank:
JCR - Q2 (Engineering, Electrical and Electronic) / CiteScore - Q1 (Electrical and Electronic Engineering)

Rapid Publication:
manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.8 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).