



## Robotic Applications Using Intelligent Space and IoT Means

Guest Editors:

**Dr. Ján Vaščák**

**Prof. Dr. Radu-Emil Precup**

**Dr. Erik Kajáti**

Deadline for manuscript  
submissions:

**closed (30 June 2022)**

### Message from the Guest Editors

This Special Issue focuses on the design of IS or IoT infrastructure and related robotic applications. We invite the scientific community to provide theoretical and applied results in this promising research area. The topics of interest include, but are not limited to, the following:

1. Artificial intelligence and machine learning methods in robotics, IS and IoT, e.g., neural networks, fuzzy logic, deep learning, and evolutionary computing;
2. Multi-agent approaches using IS and IoT in cooperative robotics and human–robot interactions;
3. Localization, mapping, and navigation of robots;
4. Decision-making and movement control;
5. Robotic applications in smart homes and smart buildings;
6. Smart IS and IoT technologies, platforms, and systems for ubiquitous robots;
7. Cloud and edge computing for robotic applications;
8. Human–robot interactions and creating ambient intelligence in IS and IoT environments.





an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Flavio Canavero**

Department of Electronics and  
Telecommunications,  
Politecnico di Torino, 10129  
Torino, Italy

## 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 guest-edited by leading experts in selected topics of interest.

## Author Benefits

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

**High Visibility:** indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [CAPus / SciFinder](#), [Inspec](#), and [other databases](#).

**Journal Rank:** JCR - Q2 (*Electrical and Electronic Engineering*) CiteScore - Q2 (*Electrical and Electronic Engineering*)

## Contact Us

---

*Electronics* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/electronics](http://mdpi.com/journal/electronics)  
[electronics@mdpi.com](mailto:electronics@mdpi.com)  
[X@electronicsMDPI](#)