

## Special Issue

# Recent Trends in Multi-Robot Systems: From Theoretical Contributions to Practical Applications

### Message from the Guest Editors

In the foreseeable future the usage of a single robot will become obsolete, as there is an ever-increasing interest of multi-robot systems. This is due to the extended capabilities that the teams can offer, compared to the use of a single robot for the same task. This special issue will focus in all aspects related to multi-robot teams including but not limited to:

- Theoretical foundations in multi-robot systems
- Multi-robot systems coordination and interaction
- Distributed control and planning
- Mapping, localization, and navigation in multi-robot systems
- Swarm robotics
- Novel sensors and actuators for multi-robot systems
- Real-world applications of multi-robot systems
- Machine learning in multi-robot systems
- IoT and Multi-Robot systems
- Multi-Robot systems in Education and Special Education

Welcome to contribute.

---

### Guest Editors

Dr. Lefteris Doitsidis

School of Production Engineering and Management, Technical University of Crete, University Campus, Kounoupidiana, 73100 Chania, Crete, Greece

Prof. Dr. Savvas A. Chatzichristofis

Department of Computer Science, Neapolis University Pafos, Pafos 8042, Cyprus

---

### Deadline for manuscript submissions

closed (30 June 2020)



## Electronics

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.6  
CiteScore 5.3



[mdpi.com/si/26425](https://mdpi.com/si/26425)

*Electronics*

MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[electronics@mdpi.com](mailto:electronics@mdpi.com)

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





# Electronics

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.6  
CiteScore 5.3



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



## 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 guest-edited 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 (Physics, Applied) / CiteScore - Q2 (Control and  
Systems Engineering)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is  
provided to authors approximately 16.4 days after  
submission; acceptance to publication is undertaken in 2.4  
days (median values for papers published in this journal in  
the second half of 2024).