# **Special Issue**

# Recent Advances in Modelling, Control and Navigation of Ground and Aerial Robots

### Message from the Guest Editors

Papers presenting different approaches from nonlinear control theory applied to trajectory tracking control and navigation of robots, as well as various robot control systems, are welcome.

- robotics, robot manipulators
- mobile robots
- mobile manipulators
- unmanned aerial vehicles
- collective robotics
- robot control and navigation
- backstepping control
- sliding mode control
- computed torque control
- Lyapunov-based nonlinear feedback control
- intelligent control

I/We look forward to receiving your contributions.

### **Guest Editors**

Prof. Dr. Andon Venelinov Topalov

Control Systems Department, Faculty of Electronics and Automation, Technical University of Sofia, Plovdiv Branch, 4000 Plovdiv, Bulgaria

Dr. Sevil Ahmed

Control Systems Department, Faculty of Electronics and Automation, Technical University of Sofia, Plovdiv Branch, 4000 Plovdiv, Bulgaria

### Deadline for manuscript submissions

30 November 2025



## **Electronics**

an Open Access Journal by MDPI

Impact Factor 2.6 CiteScore 6.1



mdpi.com/si/192357

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

mdpi.com/journal/electronics





## **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 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 (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).

