



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

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:

31 July 2024

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.





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

mdpi.com/journal/electronics
electronics@mdpi.com
[X@electronicsMDPI](https://twitter.com/electronicsMDPI)