Special Issue

Advanced Nonlinear and Learning-Based Control Techniques for Complex Dynamical Systems, 3rd Edition

Message from the Guest Editors

This Special Issue welcomes the submission of papers from a wide range of researchers in applied mathematics and various engineering disciplines. Potential topics include, but are not limited to, the following:

- Nonlinear optimization techniques;
- Nonlinear observer design;
- Nonlinear adaptive estimation:
- Nonlinear robust control;
- Reduced-order modeling and control;
- Learning-based/intelligent control;
- Neuro-adaptive control;
- Gaussian-process-based control methods;
- Real-time learning-based control;
- Multi-agent systems control;
- Formation/flocking control;
- Geometric control theory and applications.

Guest Editors

Prof. Dr. Mahmut Reyhanoglu

Department of Mechanical Engineering, School of Engineering, Wentworth Institute of Technology, Boston, MA 02115, USA

Dr. Mohammad Jafari

Robotics Engineering Program, Columbus State University, Columbus, GA 31907, USA

Deadline for manuscript submissions

15 March 2026



Electronics

an Open Access Journal by MDPI

Impact Factor 2.6 CiteScore 6.1



mdpi.com/si/251098

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 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).

