

## Special Issue

# Advanced Control Systems for Electric Drives

### Message from the Guest Editor

The main aim of this Special Issue is to seek high-quality submissions that highlight advances in control techniques for electric drives, address the implementation challenges, and the use in emerging fields. Topics of interest include but are not limited to the following:

- Control algorithms for power electronics converters;
- Adaptive control, robust control, predictive control, and sliding mode control;
- Sensorless control;
- Fault diagnosis and fault tolerant control;
- Control of electric drives in electric vehicles (EV)
- Control of electric drives in renewable energy systems;
- State and parameters estimation;
- Artificial intelligence (neural network, fuzzy logic, etc.) control applications.

Welcome to contribute!

---

### Guest Editor

Dr. Adel Merabet

Division of Engineering, Saint Mary's University, Halifax, NS B3H 3C3, Canada

---

### Deadline for manuscript submissions

closed (31 July 2020)



## Electronics

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.6  
CiteScore 7.0



[mdpi.com/si/30886](https://mdpi.com/si/30886)

*Electronics*  
Editorial Office  
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 7.0



[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 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 (Signal Processing)

#### 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 2.6 days (median values for papers published in this journal in the second half of 2025).