Special Issue

Digital Control in Power Electronics

Message from the Guest Editors

The main aim of this Special Issue is to seek high-quality submissions that highlight the application of digital control to power electronics, from theory to application. The topics of interest include, but are not limited to:

- Fundamentals of digital control systems in power electronics;
- Microcontrollers, FPGAs, SoCs applied to power electronics;
- Application of digital control systems to power electronics:
- Implementation of control algorithms in digital systems for power electronics;
- Identification and control of power electronics using digital systems

Welcome to contribute.

Guest Editors

Dr. Manuel Moreno-Equilaz

Department of Electronic Engineering, Technical University of Catalonia, UPC BarcelonaTech, 08028 Barcelona, Spain

Dr. Álvaro Gómez-Pau

Department of Electronic Engineering, Technical University of Catalonia, UPC BarcelonaTech, 08028 Barcelona, Spain

Deadline for manuscript submissions

closed (31 December 2021)



Electronics

an Open Access Journal by MDPI

Impact Factor 2.6 CiteScore 6.1



mdpi.com/si/55937

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).

