Special Issue

Power Electronics and Motor Control

Message from the Guest Editors

Power electronics and motor control are key technologies for the efficient conversion and control of electrical energy. Power electronics includes power devices, power electronic topologies, power electronic converters, and electromagnetic compatibility; motor control involves new types of motors, advanced motor controller chips, electric drive systems, and advanced control algorithms. They are widely used in various pieces of equipment and systems, such as electric vehicles, automation equipment, household appliances, and new energy technologies.

Guest Editors

Prof. Dr. Yong Chen

School of Automation Engineering, University of Electronic Science and Technology of China, Chengdu 611731, China

Dr. Bin Guo

College of Electrical Engineering, Sichuan University, Chengdu 610065, China

Deadline for manuscript submissions

20 January 2026



Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5 CiteScore 5.5



mdpi.com/si/220677

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

mdpi.com/journal/

applsci





Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5 CiteScore 5.5



About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo

Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32, 20133 Milano, Italy

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), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

