

Special Issue

Power System Protection and Fault Location Technologies in Smart Grid Systems

Message from the Guest Editors

In the past few decades, the global demand for power systems has been growing steadily. In terms of practical applications, how to ensure the efficient and stable operation of power systems has always been a key problem in power system development. This Special Issue intends to collect advanced and updated designs of fault diagnosis methods for power systems from both academia and industry. Topics of interest to this Special Issue include but are not limited to:

- Performance evaluation and optimization of power systems and electrical equipment;
- Online monitoring and fault diagnosis for power systems and electrical equipment;
- Fault-tolerant control and performance recovery of power systems and electrical equipment;
- Lifecycle management and remaining useful life prediction of electrical equipment;
- Fault identification and prognosis for power systems and electrical equipment;
- Fault simulation and injection for power systems.

Guest Editors

Dr. Shuiqing Xu

Prof. Dr. Darong Huang

Prof. Dr. Ke Zhang

Dr. Zheren Zhu

Deadline for manuscript submissions

closed (31 March 2024)



Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



mdpi.com/si/138518

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

[mdpi.com/journal/
electronics](https://mdpi.com/journal/electronics)





Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



[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 (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).