



Advances in Fault Detection/Diagnosis of Electrical Power Devices

Guest Editors:

Dr. Hamed Habibi

Dr. Afef Fekih

Dr. Silvio Simani

Dr. Amirmehdi Yazdani

Deadline for manuscript
submissions:

closed (31 March 2023)

Message from the Guest Editors

Reliability-oriented fault detection and fault-tolerant control are state-of-the-art research trends that demand further intensive research in order to obtain applicable cost-effective technology. This motivates the aim of this Special Issue of Electronics. Accordingly, I cordially invite researchers to contribute original and unique articles, as well as review papers. The topics of interest include (with emphasis on electrical power devices), but are not limited to:

- condition monitoring
- cyber-attack detection
- cyber-physical systems
- data-driven approaches including machine learning methods
- electrical power devices
- fault detection and diagnosis
- fault ride through
- fault-tolerant control
- incipient faults
- observer design
- signal-based approaches for features extraction





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Flavio Canavero

Department of Electronics and
Telecommunications,
Politecnico di Torino, 10129
Torino, Italy

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 guest-edited by leading experts in selected topics of interest.

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

Journal Rank: JCR - Q2 (*Physics, Applied*) / CiteScore - Q2 (*Control and Systems Engineering*)

Contact Us

Electronics Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/electronics
electronics@mdpi.com
[X@electronicsMDPI](https://twitter.com/electronicsMDPI)