



Anomaly Detection and Prevention in the Smart Grid

Guest Editors:

Dr. Giovanni Gaggero

Department of Electrical,
Electronic and
Telecommunications
Engineering, and Naval
Architecture (DITEN), University
of Genoa, 16145 Genoa, Italy

Dr. Fabio Patrone

Department of Electrical,
Electronic and
Telecommunications
Engineering, and Naval
Architecture (DITEN), University
of Genoa, 16145 Genoa, Italy

Dr. Imed Ben Dhaou

Department of Computing,
University of Turku, 20500 Turku,
Finland

Deadline for manuscript
submissions:

15 October 2024

Message from the Guest Editors

Dear Colleagues,

The rapid advancement of smart grid technologies has revolutionized the way we generate, distribute, and consume electrical energy. As the smart grid continues to evolve, ensuring its security and stability has become of paramount importance. To address this critical aspect, we invite researchers and experts to contribute to this Special Issue, entitled “Anomaly Detection and Prevention in the Smart Grid” for MDPI Electronics. This Special Issue aims to bring together the latest research and developments in the field of anomaly detection and prevention in the context of smart grids. We welcome original contributions that explore novel methodologies, techniques, and solutions to safeguard the integrity and resilience of smart grid systems.

This Special Issue provides a platform to exchange ideas, share insights, and foster collaborations among researchers, practitioners, and policymakers in the field of smart grids and cybersecurity. We look forward to receiving your contributions to help fortify the smart grid infrastructure against emerging anomalies and threats.





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), CAPus / SciFinder, Inspec, and other databases.

Journal Rank: JCR - Q2 (*Electrical and Electronic Engineering*) CiteScore - Q2 (*Electrical and Electronic Engineering*)

Contact Us

Electronics Editorial Office
MDPI, St. Alban-Anlage 66
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)