



Fault Diagnosis for Electrical Systems and Power Networks

Guest Editor:

Prof. Dr. Dazhong Ma

School of Information Science
and Engineering, Northeastern
University, Shenyang, China

Deadline for manuscript
submissions:

closed (25 February 2022)

Message from the Guest Editor

Electrical systems and power networks are collectively referred to as integrated energy systems. Integrated energy systems will usually fail due to natural factors, human factors and equipment aging, which will cause huge economic losses and serious social impact. Therefore, it is particularly important to strengthen fault diagnosis technology to ensure the stable and safe supply of energy. Model-based diagnosis and data-driven diagnosis methods, advanced fault location and elimination technology, fault prediction and device protection of electrical systems, data acquisition and monitoring control technology, fault discrimination and fault phase selection of transmission lines, artificial intelligence fault diagnosis methods and the safety and security of integrated energy systems are attracting more and more interest from the research community. In this Special Issue, we invite submissions exploring cutting-edge research and recent advances in the field of Fault Diagnosis for Electrical Systems and Power Networks. Both theoretical and experimental studies are welcome, as well as comprehensive review and survey papers.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo

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

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.

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

Journal Rank: JCR - Q2 (*Engineering, Multidisciplinary*) / CiteScore - Q1 (*General Engineering*)

Contact Us

Applied Sciences Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/applsci
applsci@mdpi.com
X@Applsci