Special Issue

Fault Detection in Power Electronics

Message from the Guest Editors

This Special Issue welcomes submissions of recent research work on this widespread field. The call is open to a broad range of applications where power electronics is used as a stage for the dynamic system. Recommended topics include, but are not limited to, the following:

- Fault detection, fault diagnosis, and classification methods for power converters
- Artificial intelligence and machine learning fault diagnosis methods for power converters
- Fault detection and diagnosis in converters for wind turbines
- Fault detection and diagnosis in converters for photovoltaic systems
- Fault detection in photovoltaic panel arrays
- Fault detection, fault tolerance, and reconfiguration for multilevel converters
- Fault detection for converters of automotive systems
- Fault detection and fault tolerance for DC-DC, DC-AC, and AC-DC, matrix, NPC, and dual active bridge converters
- Fault detection in electrical drives, electric machines, and power transformers
- Fault detection in converters for power quality improvement

Guest Editors

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Deadline for manuscript submissions

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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.

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