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Advanced Fault Diagnosis, Control Design and Emerging Technologies in Power Systems for a Sustainable Production, Distribution and Use of Electrical Energy

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Deadline for manuscript submissions:
closed (20 September 2023)

Message from the Guest Editors

This Special Issue will focus on the new emerging technologies and control approaches regarding power converters, electrical drives and electrical machines, applied to various research fields. Topics of interest include, but are not limited to, the following:

- Advanced fault diagnosis and control design in power systems;
- Modular converters for fault-tolerant systems;
- New topologies of power converters;
- Power electronics for storage systems' charge and management;
- New emerging power converters;
- Reliability in emerging power devices;
- Traction converters and emerging electrical machines for mobility;
- Integration of e-mobility in a smart city through smart grids and coupling with renewable sources;
- Grid-connected power converters;
- Power converters for renewable energy sources.

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Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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