Special Issue

Electronics for Energy Conversion and Renewables

Message from the Guest Editors

This Special Issue will investigate cutting-edge research and developments in power converters, with a focus on advancements that contribute to improved efficiency, sustainability, reliability, reusability, and the smooth integration of renewable energy sources into power systems. In this Special Issue, original research articles and reviews are welcome and research areas may include, but are not limited to, the following:

- Smart grids;
- Renewable energy systems and sources (RESSs);
- New trends and technologies for RESSs and power converters;
- Power devices and circuits;
- Control techniques for converters and systems;
- Artificial intelligence and machine learning for power applications;
- Reliability and maintenance;
- Safety and security;
- Modelling and simulation of power converters and their components;
- Applied technologies for electrical storage;
- Evaluation of environmental impacts.

Guest Editors

Dr. Andrea Toscani
Dr. Nicola Delmonte
Dr. Danilo Santoro

Deadline for manuscript submissions

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Energies
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
energies@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Enrico Sciubba
Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 Roma, Italy

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