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Recent Advances in Power Quality Analysis and Robust Control of Renewable Energy Sources in Power Grids

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Deadline for manuscript
submissions:
closed (16 February 2024)

Message from the Guest Editor

Dear Colleagues,

The objective of this Special Issue is to bring together recent and high-quality papers related to the theory and practice of power quality in power grids with a significant share of RESs.

Relevant topics include, but are not limited to:

- Power Quality Monitoring
- Control of Power Quality Mitigation Devices
- Active Filtering of Voltage and Current harmonics
- Power Quality Problems Mitigation
- Control Methods in AC, DC, and Hybrid Microgrids
- Advanced Control Methods of Power Converters
- Stability of Microgrids
- Control of Storage Devices
- Advances in Economic Aspects of Microgrids
- Cyber Security, Data Processing and Smart Loads in Microgrids
- Electromagnetic Interference in Microgrids



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Special Issue



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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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