# Special Issue

# Recent Advances in Power Quality Analysis and Robust Control of Renewable Energy Sources in Power Grids: 2nd Edition

## Message from the Guest Editor

The objective of this Special Issue is to bring together recent, 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 the following:

- Power quality monitoring;
- Control of power quality mitigation devices;
- Active filtering of voltage and current harmonics;
- Power quality problem mitigation;
- Control methods for AC, DC, and hybrid microgrids;
- Advanced control methods for power converters;
- Stability of microgrids;
- Control of storage devices;
- Advances in the economic aspects of microgrids;
- Cyber security, data processing, and smart loads in microgrids;
- Electromagnetic interference in microgrids.

## Guest Editor

Prof. Dr. Dinko Vukadinović

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## Deadline for manuscript submissions

closed (17 May 2025)

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# About the Journal

## 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

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