



## Analysis and Experiment for Electric Power Quality

Guest Editor:

### Dr. Gabriel Nicolae Popa

Department of Electrical  
Engineering and Industrial  
Informatics, Faculty of  
Engineering Hunedoara,  
Politehnica University Timișoara,  
No.5, Revolutiei Str., 331128  
Hunedoara, Romania

Deadline for manuscript  
submissions:

**closed (31 December 2022)**

### Message from the Guest Editor

The importance of electric power quality issues has recently increased because of the intensive use of power electronic equipment, which results in a deviation of voltage and current waveforms. The electric power quality is covered by two main subjects: the development of power quality indices and electrical disturbances (detection, analysis, and correction).

This Special Issue of *Energies*, “Analysis and Experiments for Electric Power Quality”, will publish outstanding contributions on electric power quality, in low and medium-voltage applications:

- Harmonics;
- Blackouts;
- Under- and over-voltage;
- Sags and swells;
- Unbalance;
- Flickers;
- Transients.





# energies



an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Enrico Sciubba

Department of Mechanical and  
Aerospace Engineering,  
University of Roma Sapienza, Via  
Eudossiana 18, 00184 Roma, Italy

## 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.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), Ei Compendex, RePEc, Inspec, CAPlus / SciFinder, and other databases.

**Journal Rank:** CiteScore - Q1 (Control and Optimization)

## Contact Us

---

*Energies* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/energies](http://mdpi.com/journal/energies)  
[energies@mdpi.com](mailto:energies@mdpi.com)  
[X@energies\\_mdpi](https://twitter.com/energies_mdpi)