



*energies*



an Open Access Journal by MDPI

## Power Electronics and Battery Management Systems

Guest Editors:

**Dr. Ivan Popović**

**Dr. Radivoje Djuric**

**Dr. Dejan Drajić**

**Dr. Philipp Svoboda**

Deadline for manuscript  
submissions:

**30 November 2024**

### Message from the Guest Editors

Dear Colleagues,

This Special Issue will cover novel optimization and control techniques for power and energy systems, including the management of energy resources. Topics of interest for publication include, but are not limited to:

- Predictive control application models;
- Energy storage systems in power systems;
- Battery management systems;
- Microgrid operation control and stability;
- Intelligent approaches to power systems;
- Frequency regulation in microgrids;
- Power electronics control methods;
- Power electronics applications for wind, photovoltaics, and storage.

Dr. Ivan Popović  
Dr. Radivoje Djuric  
Dr. Dejan Drajić  
Dr. Philipp Svoboda  
*Guest Editors*



[mdpi.com/si/146148](https://mdpi.com/si/146148)

# Special Issue



# 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 (*Engineering (miscellaneous)*)

## Contact Us

---

*Energies* Editorial Office  
MDPI, St. Alban-Anlage 66  
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://x.com/energies_mdpi)