



Power Electronic Converter and Its Control

Guest Editors:

Dr. Lin Qiu

Dr. Xing Liu

Dr. Jien Ma

Dr. Chunyang Gu

Prof. Dr. Jian Zhang

Deadline for manuscript
submissions:
closed (31 January 2025)

Message from the Guest Editors

A Special Issue of *Energies* entitled, “Power Electronic Converter and Its Control” is open for submissions.

The objective of this Special Issue is to share research findings and to provide selected contributions on advances in power converters and electrical drives. Potential topics include, but are not limited to:

- 1) Robust predictive control solutions
- 2) Implementation in issues of MPC (e.g., FPGA, DSP, etc.)
- 3) Data-driven (modeless) predictive control techniques
- 4) Artificial intelligence in predictive control frame
- 5) Related predictive control techniques in renewable energy devices or systems





energies



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 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

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