

## Special Issue

# Advanced DC-DC Power Converters and Switching Converters

### Message from the Guest Editor

The is inviting submissions for a Special Issue of *Energies* on the subject area of “Advanced DC-DC Power Converters and Switching Converters”. This Special Issue will focus on advanced solutions of DC-DC converter and switching topologies, in the strategic fields of emerging power electronics applications for technological growth. Topics of interest for publication include, but are not limited to:

- New topology of switching converter for power electronic applications;
- Control and optimization of switching converter circuit;
- Innovative power devices in switching converter applications;
- Advanced DC-DC converter for power supply applications;
- Switching converter for telecom application;
- Switching converter in smart grid applications and energy transmission systems;
- Advanced DC-DC converters for energy storage systems;
- Switching converters in automotive and traction systems;
- Advanced switching converters for renewable energy conversion;
- Switching converters for LED driving circuits.

---

### Guest Editor

Dr. Salvatore Musumeci

Department of Energy “Galileo Ferraris”, Politecnico di Torino, 10129 Torino, Italy

---

### Deadline for manuscript submissions

closed (31 August 2020)



## Energies

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.2  
CiteScore 7.3



[mdpi.com/si/34229](https://mdpi.com/si/34229)

*Energies*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[energies@mdpi.com](mailto:energies@mdpi.com)

[mdpi.com/journal/  
energies](https://mdpi.com/journal/energies)





# Energies

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.2  
CiteScore 7.3



[mdpi.com/journal/  
energies](https://mdpi.com/journal/energies)



## 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

Prof. Dr. Enrico Sciubba  
Department of Mechanical and Industrial Engineering, University  
Niccolò Cusano, 00166 Roma, Italy

---

### 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)