

Special Issue

Volume II: Semiconductor Power Devices

Message from the Guest Editors

This Special Issue aims to gather contributions defining the state-of-the-art in Wide-band-gap (WBG) power device design, fabrication technology, packaging and thermal management, application and reliability validation: Original contributions and review papers alike are solicited in all relevant areas.

Dr. Andrea Irace

Keywords

- Silicon carbide (SiC)
- Gallium nitride (GaN)
- Gallium Oxide (Ga₂O₃)
- Diamond (C)
- Semiconductor power devices
- MOSFETs
- HEMTs
- Power converters
- Power modules
- Packaging
- Thermal management/cooling
- Reliability

Guest Editors

Dr. Alberto Castellazzi

Power Electronics, Machines and Control Group, University of Nottingham, Nottingham, UK

Dr. Andrea Irace

Department of Electrical Engineering and Information Technologies, University of Naples Federico II, Naples, Italy

Deadline for manuscript submissions

closed (30 June 2019)



Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



mdpi.com/si/18465

Energies
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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)