

## Special Issue

# Direct Currents in Power Transformers

### Message from the Guest Editor

The Special Issue, entitled "Direct Currents in Power Transformers" was proposed for the international journal *Energies*, which is an SSCI and SCIE journal (2017 IF = 2.707). This special edition mainly concerns the original research and studies concerning DC currents in transformers, including but not limited to the following topics: Geomagnetically Induced Currents, Photovoltaic systems, AC and DC Drives, non-linear loads and also measuring, compensation, modeling and simulations concerning DC current in transformers. Papers selected for this Special Issue are subject to a rigorous peer review procedure with the aim of rapid and wide dissemination of research results, developments and applications. I am writing to invite you to submit your original work to this Special Issue. I am looking forward to receiving your outstanding research.

---

### Guest Editor

Prof. Dr. Milan Stork

Department of Applied Electronics and Telecommunications, West Bohemia university, 30614 Pilsen, Czech Republic

---

### Deadline for manuscript submissions

closed (31 March 2020)



## Energies

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.2  
CiteScore 8.3



[mdpi.com/si/31691](https://mdpi.com/si/31691)

*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 8.3



[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)