



energies



an Open Access Journal by MDPI

Advances in Electric Insulating Materials for Components of Power System

Guest Editor:

Prof. Dr. Yuriy Serdyuk

Department of Electrical
Engineering, Chalmers University
of Technology, Chalmersplatsen
4, 412 96 Göteborg, Sweden

Deadline for manuscript
submissions:

closed (30 June 2020)

Message from the Guest Editor

Dear Colleagues,

This Special Issue of *Energies* focuses on recent achievements in the research and development of electric insulating materials for power components. The topics include, but are not limited to:

- High field effects in insulating materials
- Electric conduction mechanisms
- Space and surface charge dynamics
- Effects of nano-fillers
- Electric tree formation and development
- Diagnostics of insulating materials
- Ageing and lifetime prediction
- Self-healing insulating materials

Review papers, contributions presenting experimental investigations, theoretical studies, and computer simulations are welcome.



mdpi.com/si/28755

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

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