

Special Issue

High Voltage Insulating Materials-Current State and Prospects

Message from the Guest Editors

Since insulating materials are constantly developing and new materials keep appearing in the market (e.g., biodegradable insulating liquids in the case of liquid dielectrics or nano-fluids), this Special Issue will be focused on all aspects of new solutions proposed for use in high-voltage applications. Therefore, papers that deal with the study of the dielectric and thermal properties of insulation materials for electrical applications and those focused on other properties of dielectrics are warmly welcomed. Studies on the chemical structure of materials and on the impact of this structure (admixtures, nanoparticles) on the properties of single dielectrics and mixtures are also of interest. Papers may as well report research methods to study insulating materials in the laboratory testing phase as well as in operating conditions.

Guest Editors

Prof. Dr. Pawel Rozga

Institute of Electrical Power Engineering, Lodz University of Technology, Stefanowskiego 20, 90-537 Lodz, Poland

Prof. Dr. Abderrahmane Beroual

Département Electronique, Energie Electrique, Automatique, École Centrale de Lyon, 69134 Ecully, France

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

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