Special Issue

Modelling and Numerical Simulation of HVDC Cable Systems

Message from the Guest Editor

High-voltage direct current (HVDC) cable systems have become a core technology in long-distance electric power transmission. The functional design and optimization of these HVDC cable systems in terms of operational safety and reliability is still a matter of ongoing research. Numerical simulations are a powerful tool to analyze different cable components under the influence of charge transport within the insulations and to predict possible failure mechanisms. We invite scientific paper contributions to a topical issue of the *Energies* journal dedicated to the recent advances within the broad field of research on "Modeling and Numerical Simulation of Cable Systems". Submitted papers to this issue can be of applied nature, e.g., the simulation of cables, cable joints, cable terminations, and alternative GIL systems, and can cover method development or fundamental findings.

Guest Editor

Prof. Dr. Markus Clemens

Chair of Electromagnetic Theory, University of Wuppertal, Wuppertal, Germany

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Energies
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
energies@mdpi.com

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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

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