



an Open Access Journal by MDPI

Monitoring of High-Voltage Transmission Systems to Improve Reliability and Availability

Guest Editor:

Dr. Jordi-Roger Riba Ruiz

MCIA Research Center, Universitat Politècnica de Catalunya, Rambla Sant Nebridi 22, 08022 Terrassa, Spain

Deadline for manuscript submissions: closed (30 April 2020)

Message from the Guest Editor

Dear Colleagues,

The key aspects of this Special Issue are to present novel research developments in the field of the condition monitoring of high-voltage systems focused on developing advanced fault diagnosis and prognosis approaches. It will cover different aspects, such as the development of new sensors and intelligent sensors or the adaptation of existing sensors for online monitoring, the analysis of the behavior of communication systems under high-voltage and high-current environments, the development of novel fault diagnosis and prognosis approaches, or the behavior of such systems under extreme environmental conditions, among others.









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 (Control and Optimization)

Contact Us

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