Special Issue

Recent Progress, Challenges and Outlooks of Insulation System in HVDC: 2nd Edition

Message from the Guest Editors

This Special Issue aims to present and disseminate the most recent advances related to the phenomenon, theory, design, modelling, application, and condition monitoring of all types of insulation systems including materials, devices, and projects. Topics of interest for publication include, but are not limited to, the following:

- Insulating materials for HVDC systems;
- HVDC cable insulation;
- Insulators for HVDC transmission lines;
- Air gap insulation in HVDC projects;
- HVDC insulation system under extreme conditions;
- Detection and diagnosis of insulation system in HVDC;
- Discharge phenomenon of HVDC insulation system;
- Design and maintenance of HVDC insulation system;
- Insulation system of UHV converter transformer;
- Insulation system of DC electronic equipment;
- Application of AI in HVDC insulation system.

We are looking forward to receiving your outstanding workfor this Special Issue.

Guest Editors

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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.

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