Modelling and Numerical Simulation of HVDC Cable Systems

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Deadline for manuscript submissions:
closed (31 August 2021)

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 t h e *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.

Special Issue

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Message from the Editor-in-Chief

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