Special Issue

Technological Horizons in High Voltage Engineering: Towards the Power Systems of the Future

Message from the Guest Editors

The Special Issue offers an important opportunity to publish advances and the state-of-the-art in the high-voltage engineering field, together with research trends for the future developments.

- High-voltage technologies such as relays, transformers, cables and overhead lines, insulated gas lines and insulated gas substations;
- Power conversion systems to develop more efficient HVDC connections;
- In-field experience and experimental evidence arising from practical applications of high-voltage engineering;
- Superconductive technologies;
- Testing high-voltage equipment;
- Innovative strategies to manage the power systems;
- Innovative modelling approaches to foresee the behaviour of power systems;
- A particular high voltage technology;
- Modelling, advances and applications in flexible technologies, such as FACTS, DLR/RTTR and HVDC devices;
- High-temperature, low-sag conductors;
- Modelling and implementation of innovative transmission technologies towards regional, continental and trans-continental applications and studies;
- Transmission evolution and transition for RES integration and exploitation towards the decarbonisation pattern.

Guest Editors

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Deadline for manuscript submissions

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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.

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