

## Special Issue

# HVDC Power Transmission: Technology, Systems, and Grid Interaction

### Message from the Guest Editor

We invite submissions to a Special Issue of the journal *Energies* on the topic of “HVDC Power Transmission: Technology, Systems, and Grid Interaction”. This Special Issue will include but is not limited to:

- HVDC system design (monopolar/bipolar system and rigid bipole)
- Converter technology (LCC and MMC)
- HVDC cables and HVDC overhead lines
- System stability enhancement by HVDC systems, especially harmonic stability
- Multi-terminal HVDC grids
- Grid following and grid forming HVDC control
- HVDC grid protection
- HV-IGBT developments
- Operational experience with HVDC systems

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### Guest Editor

Prof. Dr. Thomas Leibfried

Institute for Electrical Energy Systems and High-Voltage Technology,  
Karlsruhe Institute of Technology, Karlsruhe, Germany

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### Deadline for manuscript submissions

closed (20 November 2021)



## Energies

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## About the Journal

### 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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### Editor-in-Chief

Prof. Dr. Enrico Sciubba

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