

## Special Issue

# Application of Advanced Control Theories to Power Electronics and Power Systems

### Message from the Guest Editor

The main topics of this Special Issue include, but are not limited to: Advanced power semiconductor devices; Medium voltage power electronics for applications in renewable energy; Energy storage and smart grid systems; High-frequency-power-electronic conversion systems; DC power grids; Power system analyses; Modeling and simulation of power systems; Energy system optimization; Electricity markets; Distributed generation; Artificially intelligent algorithms for power systems.

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### Guest Editor

Prof. Dr. Isabel Jesus

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### Deadline for manuscript submissions

closed (31 January 2025)



## 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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