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Wide Band Gap Devices in Energy Storage Systems

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Deadline for manuscript submissions:
closed (20 July 2022)

Message from the Guest Editors

Dear Colleagues,

We are inviting submissions to the *Energies* Special Issue on "Wide Band Gap Devices in Energy Storage Systems". The issue will include but is not be limited to:

1) Integration and packaging of WBG devices;

2) Power stage design and new topologies of GaN/SiC-based power converters in the application of ESSs;

3) Gate driver design of WBG devices;

4) PCB design of WBG devices;

5) Power scaling of GaN/SiC-based switching converters in the application of ESSs;

6) Hard/soft switching in high frequency GaN/SiC-based power converters;

7) EMC design in GaN/SiC-based power converters;

9) Controller design of GaN/SiC-based power converters in the application of ESSs;

10) Thermal design of GaN/SiC-based power converters.

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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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Journal Rank: CiteScore - Q1 (Control and Optimization)

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