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## Power Converter and Its Application in Electrical Grid

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### Message from the Guest Editor

Prospective authors are invited to submit original contributions for review and publication in this Special Issue on “Power Converter and Its Application in the Electrical Grid”. This Special Issue will deal with novel design and control techniques for power electronics converters and inverters for various electrical grid applications. Topics of interest for publication include but are not limited to:

Deadline for manuscript  
submissions:

**closed (30 November 2021)**

- Battery chargers;
- Advanced power converter topologies for renewable energy sources;
- Filter design for grid-connected power converters;
- Advanced control methods for grid-connected power converters;
- Application of wide bandgap semiconductor-based power electronics converters in the electrical grid;
- Coordinated control of parallel connected converters;
- Problems associated with meeting the grid requirements, such as EMI, Islanding detection, grid code, virtual inertia, etc.;
- Active filters for harmonic compensation.



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# Special Issue



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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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