



Power Converter and Its Application in Electrical Grid

Guest Editor:

**Prof. Dr. Ramkrishan
Maheshwari**

Centre for Industrial Electronics
(CIE), Dep. of Mechanical and
Electrical Engineering, University
of Southern Denmark, Odense,
Denmark

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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Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and
Aerospace Engineering,
University of Roma Sapienza, Via
Eudossiana 18, 00184 Roma, Italy

Message from the Editor-in-Chief

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Energies Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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