



Power Electronics for Energy Transition and Renewable Energy Conversion Processes, 2nd Edition

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Deadline for manuscript
submissions:

31 January 2025

Message from the Guest Editors

This Special Issue's focus is centered on, though not restricted to, the following key research domains:

1. Renewable Energy Systems:

Exploring novel technologies, algorithms, and applications tailored for harnessing energy from sources like solar, wind, marine, and other renewable resources.

2. Renewable Energy Conversion:

Development of novel power converters, control systems, and applications tailored to the efficient utilization of renewable energy sources.

3. Power Converter Advancements:

Developing new converter topologies, control strategies, and modulation systems.

4. Technologies for Renewable Energy Integration:

Advancements in generation, transmission, and distribution systems to seamlessly integrate renewable energy into the existing infrastructure.

5. Emerging Applications of Power Converters:

Exploring the uncharted territories of power electronics in emerging technologies such as electromobility, hydrogen energy, smart grids, and beyond.





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Message from the Editor-in-Chief

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