

## Special Issue

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

### 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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### Guest Editors

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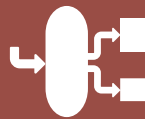
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### Deadline for manuscript submissions

31 January 2025



## Processes

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