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# **Advances in Power Converter Design, Control and Applications**

Guest Editor:

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Deadline for manuscript submissions:

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# Message from the Guest Editor

Dear Colleagues,

The scope of "Advances in Power Converter Design, Control and Applications" is wide and diverse, covering various aspects of power electronics, with a focus on the development of more efficient, reliable, and cost-effective electrical systems. Topics include but are not limited to:

- Power converter topologies, such as DC-DC converters, AC-DC converters, and DC-AC converters:
- Power converter applications in various fields, including renewable energy systems, electric vehicles, power grids, and consumer electronics;
- Power semiconductor devices, such as diodes, transistors, and thyristors;
- Development of new materials such as widebandgap semiconductors;
- Development of advanced control techniques, including digital signal processing, artificial intelligence, and model predictive control;
- Development of more efficient, reliable, and costeffective electrical systems.











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## **Editor-in-Chief**

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## **Message from the Editor-in-Chief**

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