



## Advanced Control and Applications of Power Electronics and Power Converters

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### Message from the Guest Editors

Dear Colleagues,

Power electronics systems have become an indispensable technology in modern society. A new generation of power electronics systems with high flexibility, power density, efficiency, and reliability are in high demand. Moreover, the growing use of power electronics systems in power grids has stimulated the research of converter technologies that are defining the structure and organization of future power grids.

- Advanced topologies and controls for power converters.
- Advanced modelling approaches for power converters.
- Active demand response via smart-load and electric-spring technologies.
- Power electronics for energy storage.
- Power electronics for renewable-energy generation.
- Diagnosis and fault-tolerant controls for power converters.

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## Message from the Editor-in-Chief

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