



## Power Converters: Modeling, Design and Applications

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submissions:

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### Message from the Guest Editors

Dear Colleagues,

Switching power converters are nowadays utilized in a wide range of applications. The main requirements of modern power converters are high efficiencies, high power densities, fast transient responses, and capability to operate in special applications such as fault-tolerant configurations. This Special Issue will focus on the modeling and design of power converters and their applications. Topics of interest for publication include, but are not limited to, the following:

- innovative power converter topologies;
- control and optimization of switching converter circuit;
- resonant power converters;
- power converters suitable for wireless power transfer;
- switching converter for telecom application;
- switching converter in smart grid applications and energy transmission systems;
- power converters for energy storage systems;
- power converters for e-mobility;
- advanced power converters for renewable energy conversion;
- power converters for LED driving circuits.





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## Message from the Editor-in-Chief

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