



## Modeling, Control, and Optimization of Power Electronics

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Deadline for manuscript  
submissions:

**31 December 2021**

### Message from the Guest Editors

The main aim of this Special Issue is to seek high-quality submissions that highlight emerging applications of high-density power converters, address recent fundamental breakthroughs in topological development as well as control of power electronics, multi-objective constrained design optimization of power converters, and reliable and cyber-resilient power electronics technologies. The topics of interest include, but are not limited to:

- Multi-objective design optimization (based on machine learning/statistical learning/artificial intelligence) of power converter systems
- EMI noise modeling and high-density filter design methodologies
- Non-linear/optimal control schemes for transient performance improvement of power converters
- WBG device characterization for high-frequency power electronics
- High-temperature (>200°C) power electronics
- Power electronics for transportation electrification and data centers

Welcome to contribute!

