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Advanced Perspectives for Modeling, Simulation and Control of Power Electronic Systems 2021

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Message from the Guest Editor

This Special Issue will deal with modeling and simulation procedures of power electronic systems and their control. Topics of interest for publication include but are not limited to:

- Power electronic devices, converters, topologies—modeling and control;
- Finite element analysis and multiphysical phenomenon of power electronic systems;
- Modeling, analysis, and design of power electronic systems;
- Electric machines and drives—modeling and control;
- Embedded control of power electronic systems;
- Simulation and analysis of power electronics in smart grid applications;
- Optimization of electromagnetic compatibility and interference of power electronic systems;
- Intelligent control techniques;
- Battery storage systems and battery management systems modeling and control;
- Simulation and modeling of vehicle electrification and hybridization by power electronic systems.

Prof. Dr. Michal Frivaldsky
Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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