



Advanced Control Techniques of Power Electronics

Guest Editors:

Prof. Dr. Mihai Cernat

Department of Electrical
Engineering, Universitatea
Transilvania din Braşov, Braşov,
Romania

Prof. Dr. Dan Florentin Lascu

Facility of Telecommunications
and Information Technology,
Polytechnic University of
Timisoara, 300006 Timisoara,
Romania

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Message from the Guest Editors

For many years, the development of electronics has been continuously accelerating, and its adoption and all-around use have taken on entirely new dimensions. Power electronics have a direct impact on the energy supplied to power all other devices, as well as its quality, reliability, and availability of energy. Scientific research on obtaining energy from renewable sources is significantly accelerating, the results of which are becoming increasingly important, both for countries but also for individual people. As responsible researchers, we must ensure communities have a chance to meet the CO₂ emission targets, which additionally affects the value of power electronics development. Reliability of power systems, high efficiency, low maintenance costs, and reliable operation in various conditions have become an important issue. In this Special Issue, we would like to cover topics that are important for power electronics-based systems, energy conversion, energy harvesting and recovery, improving energy utilization, and other energy-related aspects.





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Editor-in-Chief

Prof. Dr. Flavio Canavero

Department of Electronics and
Telecommunications,
Politecnico di Torino, 10129
Torino, Italy

Message from the Editor-in-Chief

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Electronics Editorial Office
MDPI, St. Alban-Anlage 66
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