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## Review of Advanced Power Electronics Solutions II

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### Message from the Guest Editor

Dear Colleagues,

Some of the greatest problems that the world is facing today are environmental pollution and the depletion of natural resources. This leads to the development of different new green technologies. Renewable energy integration in AC residential grids, along with storage systems, is a frequently debated topic in the field of power electronics today. At the same time, this new tendency consists of limiting the injection of power from renewable sources to the AC grid, which leads to new challenges cropping up. The DC grid and wireless power transfer are new trends in power electronics that aim to solve the existing problems.

This Special Issue is devoted to the state-of-the-art review of novel or recently proposed power electronics solutions devoted to the power electronics trends arising. The main focus will be on the review of emerging solutions, their feasibility study through the acquisition of new knowledge in areas related to power circuit design, the control and implementation of advanced materials and active and passive components, and comparative analysis.

- power electronics
- DC systems
- AC systems
- wireless power transfer



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# Special Issue



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## Message from the Editor-in-Chief

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