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Industrial and Technological Applications of Power Electronics Systems

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Message from the Guest Editors

The importance and scope of the application of regulated power sources in various technological systems are growing, e.g., using plasma, ultrasounds, superconductors. Furthermore, researchers pay great attention to loads in these systems. Hence, the main role in many modern technologies and industrial systems is to diversify power electronics converters by applying new topologies, components, and smart control, where emphasis is placed on such merits as wide input voltage, load regulation range, improved quality of the input and output parameters, high control flexibility, and low cost.

To promote research and accelerate the transfer of knowledge and experience in the above areas, we propose this Special Issue whose important premise is the synergy effect derived from a combination of views and approaches from various power electronics application areas. For topics of interest, please kindly access on the website for details.



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Special Issue



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Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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