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Industrial and Technological Applications of Power Electronics Systems

Guest Editors:

Prof. Dr. Ryszard Strzelecki

Prof. Dr. Galina Demidova

Prof. Dr. Dmitri Vinnikov

Deadline for manuscript submissions:
closed (31 October 2020)

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 webiste for details.

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Message from the Editor-in-Chief

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