

Special Issue

Advanced Electromagnetic Analysis and Modeling of Conventional and Special Electrical Machines II

Message from the Guest Editors

Almost two centuries have passed (1821) since Faraday conceived the first device deploying electrical power to obtain a rotary motion. However astounding the progress since then, the evolution of electrical machines looks far from coming to an end. On the contrary, their growingly pervasive spread for countless applications in an increasingly competitive global market results in more and more challenging design goals to be achieved with very tight time constraints: Higher power/torque density requirements, tighter efficiency standards, improved dynamics, new materials and configurations, wider speed range, and multiphysics analysis are some of the issues designers may have to cope with. In the meantime, though, design techniques have been experiencing a dramatic evolution as well, supported by more and more advanced and powerful HW/SW computing resources. The present **Special Issue** aims to be an opportunity for researchers to contribute to this exciting development sharing cutting-edge experiences and knowledge, as well as any related technological achievements, on the electromagnetic analysis, design, and modeling of conventional and special electrical machines.

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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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