



Analysis and Optimal Design Methods for Electric Machines and Devices – Volume 2

Guest Editor:

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submissions:

closed (31 December 2021)

Message from the Guest Editor

Dear Colleagues,

The aim of this Special Issue is to seek high-level articles on the following topics:

- Analysis and design methods
- Electric machines and devices (actuators, motors, generators, and transformers, among others)
- Material modeling (composite materials, hysteresis and anisotropy, magnetostrictive materials, permanent magnets, piezoelectric materials, shape memory alloys, superconducting materials, and thermoelectric materials, among others)
- Mathematical modelling and formulations
- Multi-physics and coupled problems (electromagnetic field problems, fluid problems, mechanical problems, and thermal problems, among others)
- Numerical techniques
- Optimization algorithms (deterministic algorithms, hybrid algorithms, special optimization algorithms, and stochastic algorithms, among others)
- Optimization and design





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Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

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