Special Issue

New Advances in Computational Electromagnetic

Message from the Guest Editors

Increasing electrification plays a pivotal role in the challenge of CO2 emission reduction, and technological achievements concerning energy efficiency are of paramount importance to support this trend. To achieve this, we must design new, highly performant electric and electronic devices that can support this deep revolution. The goal of this Special Issue is to showcase the latest research on computational electromagnetics for the design and analysis of next-generation electromagnetic devices. This will include a new finite element or integral equation-based formulations, order reduction techniques, optimization approaches, and even neural networks and artificial intelligence-based techniques to enhance computational electromagnetic analysis and optimization. We also welcome papers that describe the application of smart computational electromagnetic approaches for the design or analysis of innovative electromagnetic devices, including both numerical and experimental analyses. For more details: https://www.mdpi.com/si/158249

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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.

Editor-in-Chief

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