

Special Issue

Electromagnetic Interference, Compatibility and Applications

Message from the Guest Editors

The functionality of new generation electromagnetic devices, and especially electronic based systems (EBS), has vastly increased in the last decade while, at the same time, the operating frequencies have increased, and the dimensions have strongly decreased. Together—beside others—these facts lead to challenges in the system design, especially in terms of electromagnetic compatibility (EMC) issues. With the increased integration density of EBS, it has become more and more complicated to evaluate the EMC behavior of such devices in terms of measurement. Hence, the application of numerical methods in every design step is becoming increasingly important. Therefore, we propose a Special Issue entitled “Electromagnetic Interference, Compatibility and Applications”. The aim of this issue is to summarize the state-of-the-art approaches in the EMC-aware design of EBS, as well as to discuss the development of new numerical simulation methods for EMC.

Guest Editors

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About the Journal

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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