Special Issue

Electromagnetic Interference and Compatibility, Volume III

Message from the Guest Editor

Emerging Internet of Things (IoT), smart grid, and transport electrification applications, along with the advances of semiconductor technology that enables faster switching devices for highly efficient power conversion, are bringing about new EMC challenges that need to be addressed through the whole design flow of electric and electronic systems, starting from the highest levels of abstraction down to the physical level. A strong multidisciplinary approach is currently needed to gain insight into increasingly complex phenomena and interference scenarios. In this Special Issue, we encourage contributions addressing electromagnetic compatibility and interference topics in the broadest sense, including but not limited to IC- and system-level immunity and susceptibility issues of information and communications technology (ICT) and power electronic systems, either in emerging IoT, smart grid, and electric vehicles applications or in more traditional systems, EMC-oriented simulation and measurement techniques, as well as EMC applications of ML and AI.

Guest Editor

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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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