Special Issue

Electromagnetic Scattering Theory and Its Applications

Message from the Guest Editors

It is crucial to analyze the propagation and scattering phenomena of electromagnetic (EM) waves at any frequency. Moreover, the current trend in exploring higher and higher frequencies calls for a refined stochastic description of the scattering surfaces roughness. This Special Issue is aimed at providing insight and addressing recent breakthroughs in the wide field of scattering of EM waves as well as investigating innovative solutions and approaches to scattering problems in different scenarios. *Development of analytical, statistical, empirical scattering models; Measurements of scattered electromagnetic waves and radar cross-section; Algorithms for the evaluation of the EM scattering; Scattering models in remote sensing; Surface and volume scattering; Models, methods and tools for inverse scattering; Metamaterials, metasurfaces and plasmonics; RFID technologies; Radiowave and Terahertz propagation; Scattering in electronic circuits; Guided propagation; Scattering from humans and objects; Scattering in biomedical applications; Electromagnetic compatibility; Numerical methods for EM scattering*

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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 guestedited by leading experts in selected topics of interest.

Editor-in-Chief

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