

Special Issue

Numerical Electromagnetic Problems Involving Antennas

Message from the Guest Editor

The purpose of this issue is to address new approaches to solving difficult problems of numerical simulation of antennas. The following are some examples of these problems:

- Efficient simulation of antenna on-board electrically large and complex platforms considering radiation, mutual coupling, and antenna sensitivity
- Analysis of antennas covered by large single-layer or multilayer radomes with or without imbedded frequency selective surfaces (FSS)
- Analysis of plane or curved multilayer structures for applications of Reflectarrays, Transmitarrays, FSS, Metamaterials, Radar Absorbing Material, Antennas Arrays, and Antenna Feeding Networks
- Complex small antennas
- MIMO antennas for complex radio wave propagations scenarios
- Any other challenging problem of antenna simulation

Guest Editor

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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 guest-edited by leading experts in selected topics of interest.

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