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Numerical Electromagnetic Problems Involving Antennas

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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 imbibed frequency selective surfaces (FSS)
- Analysis of plane or curved multilayer structures for applications of Reflectarrays, Transmittarays, 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

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Message from the Editor-in-Chief

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