

Introduction to the Special Issue

Advances in Next-Generation Antenna Systems and Their Testing Methodologies

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Welcome to the special issue of the *Applied Computational Electromagnetics Society (ACES) Journal*. This special issue brings together a collection of state-of-the-art research findings aimed at advances in next-generation antenna systems and their testing methods.

The special issue covers the following topics

- Microwave and millimeter-wave antenna arrays
- Reconfigurable intelligent surfaces
- Reflectarray and transmitarray
- Mutual coupling role in antenna arrays
- Antenna diagnosis and measurements methodologies
- Over-the-air tests

We'd like to also thank the Editors in Chief of ACES Journal, Professor Sami Barmadi and Professor Atef Elsherbeni for their support. And we'd like to express our thanks to the editorial and publication team at ACES Journal for their assistance.