Special Issue

Advanced Reconfigurable, Pattern-Diverse and Beam-Steering Antenna and Array Designs for Communication and Sensing Applications

Message from the Guest Editors

The ability to form beams is a key antenna design feature in modern communication and sensing applications. Normally, steering, diversity and reconfigurable radiation patterns can be implemented by phased array antennas. This Special Issue aims to highlight new research on advanced design techniques for reconfigurable, pattern-diverse, and beam-steering antennas and arrays.

Researchers are welcome to submit original manuscripts for publication in this Special Issue. Topics of interest include, but are not limited to:

- Reconfigurable antennas;
- Diversity antennas;
- Antenna arrays;
- Quasi-optical antennas;
- Antenna beamforming networks;
- Shared-aperture antenna arrays;
- Leaky-wave antennas;
- Advanced RF components for antenna beam steering;
- Optimization techniques for antenna beamforming.

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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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