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Microwave Sensors and Antenna Topology

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Message from the Guest Editor

Microwave antennas with fully adaptive properties are essential for significantly enhancing the performance of monitoring systems and are widely utilized in various fields, including environmental and structural engineering monitoring, precision agriculture, pollution monitoring, and other practical and fascinating applications. The primary objective of this Special Issue is to provide an overview of ongoing research on microwave antennas and sensors, highlight the latest advancements and innovations in the field, and identify new challenges and opportunities for applications.

Deadline for manuscript submissions:
closed (20 January 2024)

- microwave sensors
- switched beam antenna
- sum/difference arrays
- reconfigurable antennas
- reconfigurable antennas based on parasitic elements
- MEMS-reconfigurable antennas
- multibeam antennas
- multifrequency antennas
- antenna control algorithms
- long-range RFID
- chipless RFID
- chipless sensors
- modulated scattering technique (MST) sensors
- radar sensors



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Special Issue



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Message from the Editor-in-Chief

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