Special Issue

Antenna Technologies for Millimeter and Terahertz Sensing

Message from the Guest Editors

At present, many applications in medical, environmental, and industrial fields have attracted researchers, who have proposed various sensor technologies. In particular, microwave and millimeter-wave sensors have drawn substantial attention due to their unique detecting process which can be done remotely in destructive and non-destructive aspects. Currently, such sensor technologies face the same challenges as any advanced system, including: availability, immune-ability, maintainability, integrability, updatability, reconfigurability, sensitivity, detectability, and effective cost–mass production process. For this Special Issue, we invite researchers and developers to submit their novel research papers on millimeter-wave and terahertz sensors with relevant characteristics and fabrication cost effectiveness. Nevertheless, this Issue is also extended to include research focused on the propagation at these bands as well as material characterizations for object detection and imaging.

Guest Editors

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Deadline for manuscript submissions

closed (31 May 2022)

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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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