



Terahertz Imaging Sensors and Detectors

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Message from the Guest Editors

Dear Colleagues,

Progress in sensing and imaging in the terahertz frequency range (0.1-10 THz) has been disruptive in the recent years, with the development of multiple technological solutions for high-performance detectors and focal plane arrays. This special issue covers all recent advances in the detection of terahertz radiation, with a special focus on the use of these detectors for image sensing. Topics include theoretical analysis, modeling of detectors, new sensing techniques, terahertz imagers, camera systems, measurement and experimental setups. Peculiar configurations such as near field THz imaging, SNOM, THz optical coherence tomography, light field imaging, quantum schemes, etc. are of great interest. Review papers providing an overview of the current state-of-the-art of terahertz imaging sensors and detectors are also welcome.

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Guest Editors





sensors



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Message from the Editor-in-Chief

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