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Cutting-Edge Terahertz Technology

Guest Editors:

Dr. Jiangqiao Ding

School of Electronic & Information Engineering, Nanjing University of Information Science and Technology, Nanjing 210044, China

Dr. Maher Bakri-Kassem

Department of Systems Design Engineering, University of Waterloo, Waterloo, ON N2L 3G1, Canada

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Message from the Guest Editors

Today, Submillimeter wave/terahertz technology is used in an increasingly wide variety of applications: astronomy science, information and communications technologies (ICT); biology and medical sciences; non-destructive evaluation; homeland security; the quality control of food and agricultural products; global environmental monitoring; and ultrafast computing.

State-of-the-art Submillimeter wave/terahertz components/devices/systems have demonstrated serious issues in regard to theories, techniques and micromachining with sources, detectors, mixers, amplifiers, phase shifters, filters, multiplexers, couplers, etc.

Accordingly, this Special Issue seeks to showcase research papers, communications, and review articles that focus on original and advanced theoretical, technical and application-related research on the basic science, components, devices, circuits, and systems of Submillimeter/terahertz waves (100 GHz–10 THz).



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Special Issue



Editor-in-Chief

Message from the Editor-in-Chief

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Micromachines Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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