

Special Issue

Recent Progress in Terahertz Radar Imaging

Message from the Guest Editors

Terahertz technology, as an emerging field within the electromagnetic spectrum, has gained extensive attention in various scientific and engineering domains in recent years. This Special Issue aims to compile the latest advancements and innovations in terahertz radar imaging technology research, covering both fundamental theories and applied technologies, with the goal of promoting its application in high-resolution imaging, target detection, and non-destructive testing. We welcome cutting-edge and innovative research that aligns with the scope of the journal, and we invite contributions to explore the development and challenges of terahertz radar imaging technology, as well as its practical applications in traffic monitoring, emergency rescue, public security, and other fields. This Special Issue encourages submissions of research on terahertz sources, terahertz devices, terahertz radar systems, terahertz imaging methods, terahertz imaging applications, and so on. We invite all scientists, engineers, and government decision-makers working on activities related to terahertz radar imaging technologies and applications.

Guest Editors

Prof. Dr. Yinwei Li

Terahertz Technology Innovation Research Institute, Terahertz Spectrum and Imaging Technology Cooperative Innovation Center, University of Shanghai for Science and Technology, Shanghai 200093, China

Prof. Dr. Shunjun Wei

School of Information and Communication Engineering, University of Electronic Science and Technology of China, Chengdu 611731, China

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
photonics@mdpi.com

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Message from the Editor-in-Chief

You are invited to contribute a research article or a comprehensive review for consideration and publication in *Photonics* (ISSN 2304-6732). *Photonics* is an online open access journal covering both the fundamental and applications of optics and photonics. *Photonics* strives to provide an avenue to allow authors to disseminate their scientific findings—both theoretical/ simulations and experimental works—in highly accessible peer-reviewed journal publications. The manuscript in *Photonics* will be handled with quick turnaround production processing time. We welcome authors to submit their manuscripts for publications in *Photonics*. Our goal in *Photonics* is to enable fast dissemination of high impact works to the scientific community.

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Prof. Dr. Nelson Tansu

School of Electrical and Electronic Engineering (EEE), The University of Adelaide, Adelaide, SA 5005, Australia

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