



Antenna Technologies for Millimeter and Terahertz Sensing

Guest Editors:

Dr. Salam Khamas

Department of Electronic and
Electrical Engineering, University
of Sheffield, Sheffield S1 4AE, UK

Prof. Zulkifly Abbas

Department of Physics, University
Putra Malaysia, 43400 UPM
Serdang, Malaysia

Prof. Taha Elwi

Head of the Communication
Engineering Department, Al-
Ma'moon University College,
Baghdad, Iraq

Deadline for manuscript
submissions:

closed (31 May 2022)

Message from the Guest Editors

Dear Colleagues,

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.





sensors



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria
Elettrica e dell'Informazione
(Department of Electrical and
Information Engineering),
Politecnico di Bari, Via Edoardo
Orabona n. 4, 70125 Bari, Italy

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.

Author Benefits

Open Access : free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [MEDLINE](#), [PMC](#), [Ei Compendex](#), [Inspec](#), [Astrophysics Data System](#), and [other databases](#).

Journal Rank: JCR - Q2 (*Chemistry, Analytical*) / CiteScore - Q1 (Instrumentation)

Contact Us

Sensors Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sensors
sensors@mdpi.com
[X@Sensors_MDPI](#)