Special Issue

Millimeter Wave and THz Integrated Systems and Radar Sensors

Message from the Guest Editor

Semiconductor technologies have made tremendous progress in the last 20 years, advancing towards THz frequencies and regarding integration. This enables novel solutions for millimeter wave and THz integrated systems for a large variety of applications, from all kinds of sensors to gigabit communication radios. This call for a Special Issue of *Sensors* invites contributions from scientists and engineers from all disciplines involved with innovations regarding the realization of such novel devices and systems. This includes integrated circuits, packaging solutions, completely integrated systems, as well as application-related research.

Keywords

- Integrated Millimeter Wave and THz Transceivers
- Highly Integrated Radar Sensors
- Millimeter Wave System on Chip (SoC)
- Millimeter Wave System in Package (SiP)
- Miniaturized Millimeter Wave Systems

Guest Editor

Prof. Dr. Thomas Zwick

Institute of Radio Frequency Engineering and Electronics (IHE), Karlsruhe Institute of Technology, 76131 Karlsruhe, Germany

Deadline for manuscript submissions

closed (31 May 2019)

Sensors

an Open Access Journal by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed

mdpi.com/si/18321

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

mdpi.com/journal/sensors

Sensors

an Open Access Journal by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed

mdpi.com/journal/sensors

MDPI

About the Journal

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.

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

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 (Instruments and Instrumentation) / CiteScore - Q1 (Instrumentation)