



IR-UWB Radar Sensors

Guest Editors:

Prof. Dr. Sung Ho Cho

Prof. Dr. Emanuel Radoi

Dr. Faheem Khan

Prof. Dr. Lin Zhang

Deadline for manuscript
submissions:

closed (31 May 2020)

Message from the Guest Editors

Dear Colleagues,

The main aim of the upcoming special issue “IR-UWB radar sensors” is to share innovative ideas and design experiences with each other in the IR-UWB radar sensor community. We welcome articles that present robust and innovative solutions to the challenging problems in the field of the IR-UWB radar sensors. We invite regular research articles as well as review papers and short papers that are related to but are not limited to the following topics:

- IR-UWB radar
- Radar signal processing
- Machine learning for radar computing
- Radar array
- Safety & security
- 2D/3D positioning & tracking
- Non-contact health monitoring, Elderly care
- Smart home, Smart space, Smart buildings
- Automotive
- Gesture recognition
- Radar imaging
- See-through-wall radar
- Ground penetration radar (GPR)
- MIMO
- Hardware design





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](#)