



sensors



an Open Access Journal by MDPI

Radar Imaging, Communications and Sensing

Guest Editor:

Prof. Dr. Husheng Li

School of Aeronautics and
Astronautics, Purdue University,
West Lafayette, IN, USA

Deadline for manuscript
submissions:

25 June 2024

Message from the Guest Editor

Dear Colleagues,

People are envisioning the next generation (NextGen) of wireless technology, which goes far beyond 5G. In NextGen, different functions of wireless signals are expected to be integrated. In the past, communications and sensing, particularly radar imaging, are developed and operated independently. However, they share similar frequency bands, signaling mechanisms, and radio frequency (RF) circuits. Therefore, integrations or collaborations in communications, radar imaging, and sensing could bring substantial improvements in the efficiencies of spectrum bandwidth, transmit power, and hardware cost. Meanwhile, it is challenging to integrate these historically independent functionalities, and the conflicts between them need to be identified, quantified, and addressed. Therefore, it is our pleasure to invite you to contribute to the Special Issue of *Sensors* on radar imaging, communications, and sensing.

Prof. Dr. Husheng Li

Guest Editor



mdpi.com/si/161402

Special Issue



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 (*Instruments & Instrumentation*) / CiteScore - Q1 (*Instrumentation*)

Contact Us

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

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

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