

Special Issue

New Advances in Beam-Forming for Sensor Networks

Message from the Guest Editors

This Special Issue provides an international forum for researchers working in beam-forming systems to disseminate new ideas and recent advances for sensor networks, simulations, and applications. Potential topics include, but are not limited to, the following:

- Distributed beamforming;
- Collaborative beamforming;
- Securing and greening;
- Passive networks: Blass, Nolen, and Butler matrixes;
- Rotman lenses;
- Coherently radiating periodic structures;
- Photonics beam-forming networks;
- BFN for focusing systems, lenses, and reflectors;
- Reflectarrays transmitarrays;
- Dielectric waveguides, wide-band and multi-band feeds, integrated feeds and receivers, etc.;
- Next-generation beamforming.

Guest Editors

Dr. Marco A. Panduro

Prof. Dr. Carlos Bocio

Dr. Alberto Reyna Maldonado

Deadline for manuscript submissions

20 February 2026



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/220084

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

[mdpi.com/journal/
sensors](https://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](https://mdpi.com/journal/sensors)



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)