Special Issue

Intelligent Reflecting Surface (IRS)—Assisted Wireless Communication

Message from the Guest Editor

Recently intelligent reflecting surfaces (IRS) assisted wireless networks design and analysis are considered for next-generation wireless systems to enhance coverage and energy efficiency. However, IRS-assisted systems need to address their hardware and deployment-related issues before practical applications. This Special Issue, therefore, aims to put together original research and review articles on recent advances, technologies, solutions, applications, and new challenges in the field of IRS-assisted systems design and analysis. Some IRS-related topics are highlighted as

- Multiple input and multiple output-based IRS system design
- Active and passive joint beamforming
- Amplitude and phase setting of the reflected signal from the IRS
- Multiple reflections in the IRS system
- Channel estimation
- Coverage area analysis
- Multiuser IRS system design, etc.

Guest Editor

Dr. Sanjeev Sharma

Department of Electronics Engineering, Indian Institute of Technology (BHU), Varanasi, India

Deadline for manuscript submissions

closed (10 August 2023)

Sensors

an Open Access Journal by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed

mdpi.com/si/158644

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)