

Special Issue

Remote Sensing-Based Intelligent Communication

Message from the Guest Editors

Remote sensing-based intelligent communication can be studied to meet the differentiated requirements of these delay-sensitive and computing-intensive services. Specifically, based on the remote sensing network information, a system can make intelligent decisions to boost data distribution. Meanwhile, the adoption of mobile edge computing can process data at the edge of the remote sensing system, reducing cross-network traffic and transmission delay. Therefore, network performance and resource utilization can be significantly improved by sensing-based intelligent communication. However, realizing sensing-based intelligent communication in practical communication scenarios is challenging, and there are still many important open research problems. This Special Issue seeks to explore sensing-based intelligent communication and invites novel contributions from researchers and practitioners.

Guest Editors

Dr. Chao Fang

School of Information Science and Technology, Beijing University of Technology, Beijing 100124, China

Dr. Mianxiong Dong

Department of Sciences and Informatics, Muroran Institute of Technology, 27-1 Mizumoto-cho, Muroran 050-8585, Hokkaido, Japan

Deadline for manuscript submissions

closed (31 January 2025)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/178995

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
Department of Electrical and Information Engineering, Politecnico di
Bari, Via Orabona 4, 70126 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)