

Special Issue

NOMA for Integrating Sensing and Communication

Message from the Guest Editor

With the emergence of applications and services, including fully immersive virtual/augmented reality (VR/AR), holographic telepresence, intelligent transportation, Industrial Internet of Things, and global coverage, future 6G networks are expected for unprecedented demands on Integrated Sensing and Communications (ISAC) technologies to facilitate these applications. Recent studies have demonstrated that Non-Orthogonal Multiple Access (NOMA) has potential in the performance enhancement of ISAC systems. This is attributed to NOMA's ability to enable multiple users to share the same resource blocks, including time slots, frequency bands, spreading codes, and power levels, by employing the superposition coding (SC) at the transmitter and the successive interference cancellation (SIC) at the receiver. This Special Issue aims to promote cross-fertilization between NOMA and ISAC by bringing together researchers and industry practitioners to share their latest findings, state-of-the-art results, and new ideas on advanced and innovative solutions, optimization theory, algorithms, and applications for next-generation wireless communication networks.

Guest Editor

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Deadline for manuscript submissions

closed (10 May 2024)



Sensors

an Open Access Journal
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Impact Factor 3.5
CiteScore 9.4
Indexed in PubMed



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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.

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