

Special Issue

Intelligent Signal Processing for Integrated Sensing and Communications towards 6G

Message from the Guest Editors

This Special Issue will accept articles on topics regarding intelligent signal processing for 6G integrated sensing and communications, including, but not limited to, the following:

- Advanced signal processing algorithms for 6G networks;
- Machine learning and AI for signal processing in 6G;
- Integrated sensing and communication (ISAC) system design;
- Reconfigurable intelligent surface (RIS)-assisted ISAC;
- Integrated sensing and backscatter communications;
- Real-time signal processing for high-speed communications;
- Signal processing for massive MIMO and beamforming;
- Intelligent resource allocation and management;
- Signal processing techniques for terahertz (THz) and millimeter-wave (mmWave) communications;
- Joint sensing and communication signal processing;
- Security and privacy in signal processing for 6G;
- Energy-efficient signal processing for 6G networks

Guest Editors

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Deadline for manuscript submissions

15 November 2025



Electronics

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Impact Factor 2.6
CiteScore 6.1



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About the Journal

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

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