

Special Issue

Advanced Digital Signal Processing for Future Digital Communications: 2nd Edition

Message from the Guest Editors

This Special Issue focuses on the application of digital signal processing algorithms to future digital communication systems to help readers understand the motivations and methods of various signal processing algorithms, invoking them to undeveloped services as well as future scenarios of communication systems. Potential topics include, but are not limited to, the following:

- Advanced coding and modulation/waveform techniques;
- Agile and efficient multiple access techniques;
- MIMO signal processing techniques;
- Radar signal processing techniques;
- Reconfigurable intelligent surfaces-assisted techniques;
- Underwater signal processing techniques;
- Channel modeling, sensing, and measurement techniques;
- Sparse signal processing for grant-free massive connectivity;
- Signal processing optimization for federated learning.

Regarding Volume I, please refer to the following link (<https://www.mdpi.com/si/150977>). We look forward to your submission.

Guest Editors

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Deadline for manuscript submissions

30 November 2025



Electronics

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mdpi.com/si/206455

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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.

Editor-in-Chief

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