

Special Issue

Advanced Digital Signal Processing for Future Digital Communications

Message from the Guest Editor

This Special Issue focuses on the application of digital signal processing algorithms to future digital communication systems to help the reader clarify the motivations and methods of various signal processing algorithms to use them for hitherto 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.

Welcome to [contribute](#).

Guest Editor

Dr. Da Chen

School of Cyber Science and Engineering, Huazhong University of Science and Technology, Wuhan 430074, China

Deadline for manuscript submissions

closed (1 May 2024)



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Electronics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
electronics@mdpi.com

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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

Prof. Dr. Flavio Canavero

Department of Electronics and Telecommunications, Politecnico di
Torino, 10129 Torino, Italy

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