

## Special Issue

# New Advances of FPGAs in Signal Processing

### Message from the Guest Editors

We are pleased to announce a Special Issue of *Electronics* focusing on the latest advancements in field-programmable gate arrays (FPGAs) applied to signal processing. FPGA-based systems have been established as key technologies in a wide range of application fields, including radio frequency communications, audio and image processing, high-energy physics, and radar systems. This widespread use is mainly driven by their extreme flexibility for being reconfigured, capability of parallelizing tasks, low latency, and a remarkably high performance over other well-established technologies. We welcome original research articles and reviews that contribute significant insights into advancing the field of signal processing in FPGA-based systems. Submissions should address key challenges and propose innovative solutions to overcome the complexities of implementing signal processing algorithms in FPGAs.

### Guest Editors

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### Deadline for manuscript submissions

15 June 2026



## Electronics

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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 guestedited by leading experts in selected topics of interest.

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### Editor-in-Chief

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