

## Special Issue

# Efficient Algorithms and Architectures for DSP Applications

### Message from the Guest Editors

Optimization of the implementation of DSP algorithms and architectures is an essential part of research and design for many modern applications. Optimizing such computationally intensive applications is a challenging issue that requires a clever design or restructuring of the algorithm or architecture. This Special Issue focuses on papers that demonstrate how these design challenges can be overcome using innovative solutions. Topics of interest for this Special Issue include but are not limited to:

- VLSI signal processing;
- Signal processing methods for an efficient implementation;
- Optimization of the VLSI implementation of multimedia blocks;
- Low-power circuits and systems for DSP applications;
- Efficient adaptive/learning algorithms (low complexity/fast versions, optimized parameters, etc.);
- Tensor-based signal processing (efficient decomposition methods, low-rank approximations, etc.);
- Sparsity-aware algorithms.

[https://www.mdpi.com/journal/electronics/special\\_issues/DSP\\_Applications](https://www.mdpi.com/journal/electronics/special_issues/DSP_Applications) Welcomed to contribute!

### Guest Editors

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### Deadline for manuscript submissions

closed (31 December 2022)



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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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### Editor-in-Chief

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