

Special Issue

Optimization Technologies for Digital Signal Processing

Message from the Guest Editor

This Special Issue will cover original research and extensive review articles on optimization techniques for digital signal processing, including, but not limited to, the following topics:

- **Algorithmic Optimization.** Includes mathematical and signal-processing-level transformations to reduce complexity;
- **Parallelism and Pipelining.** Covers techniques that exploit concurrency at various levels;
- **Memory and Data Handling Optimization.** Focuses on efficient data movement and storage;
- **Hardware and Low-Level Optimization:** Platform-specific enhancements that leverage hardware capabilities;
- **Toolchain and Real-Time System Considerations.** Optimizations enabled via compilers, toolchains, and system-level decisions.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Technologies, provides a single focus for reporting on developments of all technologies, regardless of their application. It is our intention that *Technologies* becomes the journal of choice for both researchers wanting to publish their work and technologists wishing to exploit the high quality research across a wide range of potential applications. Through its open access policy, its quick publication cycle, *Technologies* will facilitate the rapid uptake and development of the research presented, ultimately providing benefit to the wider society.

Editor-in-Chief

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