

Special Issue

Digital Signal Processing Algorithms and Applications

Message from the Guest Editor

We invite you to submit your latest cutting-edge research in the area of sophisticated new and emerging digital signal processing (DSP) algorithms in the field of digitally assisted analog circuits. The emphasis will be on the DSP component, not the analog circuits per se, although we expect that any submitted work will be supported by laboratory measurements and hardware validation. We solicit high-quality papers which address both the theoretical and practical issues of these algorithms. Submissions are welcome in the conventional wide range of application fields such as power amplifiers (PAs) and ADC linearization but also for more recent algorithms and application spaces. The use of machine learning to replace or enhance the model-based calibration approaches is also an area of particular interest.

Guest Editor

Dr. Barry Cardiff

School of Electrical, Electronic & Communications Engineering,
University College Dublin, Dublin, Ireland

Deadline for manuscript submissions

closed (30 September 2023)



Algorithms

an Open Access Journal
by MDPI

Impact Factor 2.1
CiteScore 4.5



mdpi.com/si/164883

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

[mdpi.com/journal/
algorithms](https://mdpi.com/journal/algorithms)





Algorithms

an Open Access Journal
by MDPI

Impact Factor 2.1
CiteScore 4.5



[mdpi.com/journal/
algorithms](https://mdpi.com/journal/algorithms)



About the Journal

Message from the Editor-in-Chief

Algorithms are the very core of Computer Science. The whole area has been considered from quite different perspectives, having led to the development of many sub-communities: Complexity theory (limitations), approximation or parameterized algorithms (types of problems), geometric algorithms (subject area), metaheuristics, algorithm engineering, medical imaging (applications), indicates the range of perspectives. Our journal welcomes submissions written from any of these perspectives, so that it may become a forum for exchange of ideas between the corresponding scientific subcommunities.

Editor-in-Chief

Prof. Dr. Frank Werner

Faculty of Mathematics, Otto-von-Guericke-University, P.O. Box 4120,
D-39016 Magdeburg, Germany

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, ESCI (Web of Science), Ei Compendex, and other databases.

Journal Rank:

JCR - Q2 (Computer Science, Theory and Methods) /
CiteScore - Q1 (Numerical Analysis)