

Special Issue

Advances in Digital Signal Processing and Communications

Message from the Guest Editor

The accelerating pace of technological advancement and the growing demands of users are continuously driving innovation across various systems and technical domains. This rapid progress simultaneously introduces new challenges related to processing capability, efficiency, and accessibility, necessitating the development of novel ideas and state-of-the-art solutions. This Special Issue welcomes the submission of high-quality research papers that present new theoretical insights, innovative algorithmic developments, and validated experimental results in the field of "Advances in Digital Signal Processing and Communications". The goal of this Special Issue is to highlight cutting-edge research that addresses critical signal processing challenges across all layers of modern communication systems, particularly at the physical layer.

Guest Editor

Dr. Jaejin Jeong

Department of Electronic Engineering, Kumoh National Institute of Technology, Gumi-si 39177, Republic of Korea

Deadline for manuscript submissions

20 December 2026



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 6.1



mdpi.com/si/261184

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

mdpi.com/journal/

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





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 6.1



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



About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

Author Benefits

Open Access:

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

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, Embase, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (Fluid Flow and Transfer Processes)