

Special Issue

Advances in Wireless Communication Technologies-2nd Edition

Message from the Guest Editors

Wireless communication technologies remain an important and interesting topic, and, as such, we would like to launch a second edition of this Special Issue. Wireless communications are unquestionably a cornerstone of modern society. Research in this field has been conducted for decades, and important advances are being made constantly, with upgrades of existing wireless standards (such as 4G, Bluetooth, Wi-Fi, Zigbee, LoRa, etc.) and with the constant push for new technologies (like 5G and now 6G). Despite these technological advances, the key success of wireless communications is their unquestionable enabling of solutions in countless key areas, such as environmental monitoring (of oceans, forests, hydric resources, wildlife, agriculture, food, etc.), healthcare, aeronautics, space, surveillance, transportation, data sharing, and communication, to mention just a few. Authors are invited to contribute to the advancement of wireless communication technologies, whether at the technological level or as a novel application in any of the enumerated fields, through submitting their work to this Special Issue.

Guest Editors

Dr. Hugo Daniel da Costa Dinis

CEMS–UMinho, University of Minho, 4800-058 Guimarães, Portugal

Dr. Paulo Mateus Mendes

CEMS–Center for Microelectromechanical Systems, University of Minho, Campus de Azurém, 4800-058 Guimarães, Portugal

Deadline for manuscript submissions

closed (20 September 2025)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/232390

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 5.5



[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 (General Engineering)