Special Issue

Advances in Modern Control Interfaces Based on Brain–Computer Interfaces, Vision Systems, and Voice Systems

Message from the Guest Editors

Advances in modern control interfaces represent a dynamic and rapidly evolving field at the convergence of brain–computer interfaces (BCIs), vision systems, and voice recognition technologies. These cutting-edge systems are redefining how humans interact with machines, offering unprecedented possibilities for enhancing accessibility, efficiency, and user experience across a wide range of applications. From healthcare to consumer electronics, these technologies are pushing the boundaries of what is possible in human–machine interactions.

This Special Issue is dedicated to exploring the latest advancements, challenges, and future directions in the development and integration of modern control interfaces. As these technologies advance at a remarkable pace, it is essential to understand their implications not only for technical innovation but also for broader societal impacts, including ethical considerations, accessibility, and the potential for human augmentation.

Guest Editors

Dr. Arkadiusz Kubacki

Institute of Mechanical Technology, Poznan University of Technology, Poznan, Poland

Prof. Dr. Michael Döllinger

Division of Phoniatrics and Pediatric Audiology at the Department of Otorhinolaryngology Head & Neck Surgery, University Hospital Erlangen, Friedrich-Alexander-University Erlangen-Nürnberg, Waldstrasse 1, 91054 Erlangen, Germany

Deadline for manuscript submissions

31 January 2026

Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 5.5

mdpi.com/si/219700

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

mdpi.com/journal/applsci

Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 5.5

mdpi.com/journal/applsci

MDPI

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, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)