

## Special Issue

# Advances in Principles, Methods and Applications of Brain-Computer Interaction

### Message from the Guest Editors

Brain-computer interfaces (BCIs) represent a continuously growing research field that originated in an attempt to enable subjects with severe neuromuscular disorders to communicate and interact with the world around them. Advances in the capabilities of sensors, computation devices, and wireless technologies, as well as in signal processing, machine learning and neuroscience methods have expanded the BCI concept, and it is now subject to investigation in a wide range of fields such as remote healthcare, industry, marketing, education, and gaming. Recently, the use of BCI technology in other aspects of daily life, including mental load management, decision making, neuro-marketing, and gaming, has been explored. As the aspiration is that BCI technology will gradually move towards use in practical applications, the need for more reliable and robust solutions for detecting user intent is, in the current landscape, as urgent and important as it ever has been. This Special Issue aims to collect papers on a broad spectrum of specific topics reflecting recent advances in the methodology, design and applicability of BCI. For more details, please visit [here](#).

### Guest Editors

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### Deadline for manuscript submissions

closed (25 March 2025)



## Sensors

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*Sensors* is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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