Special Issue

Advanced Applications of Brain–Computer Interfaces in Neuroscience

Message from the Guest Editors

In recent years, brain–computer interfaces (BCIs) have emerged as pioneering applications, becoming an ever growing field of the interplay between neuroscience, neuropsychology and advanced computer technology. This Special Issue aims to offer a compendium of innovative research and state-of-the-art advancements, unraveling the multifaceted tapestry of applications that BCIs offer in deciphering, understanding and leveraging the language of the human brain. Starting from a variety of approaches, this Special Issue will collect novel researches and applications from a wide spectrum of perspectives. From decoding neural signals for enhanced prosthetic control to leveraging BCIs as diagnostic tools in neurological conditions, this Special Issue will explore the many ways in which BCIs are reshaping the landscape of neuroscience.

Guest Editors

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You are invited to contribute a research article or a comprehensive review for consideration and publication in *Brain Sciences* (ISSN 2076-3425). *Brain Sciences* is an open access, peer-reviewed scientific journal that publishes original articles, critical reviews, research notes, and short communications on neuroscience. The scientific community and the general public can access the content free of charge as soon as it is published.

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