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Advanced Applications of Brain–Computer Interfaces in Neuroscience

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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.



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Special Issue



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Message from the Editor-in-Chief

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