



Advanced Technologies and Applications of Brain Sciences

Guest Editor:

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Deadline for manuscript
submissions:

20 July 2024

Message from the Guest Editor

Dear Colleagues,

We aim to bridge the gap between cutting-edge technology, brain sciences, clinical neurology, psychiatry, and neurorehabilitation. With advanced technologies, we can diagnose and improve activities in the brain network. We can also use virtual reality and haptic devices, as well as facilitate neurorehabilitation.

This interdisciplinary Special Issue will focus on original research articles and reviews, advancing our understanding of the neurophysiology of brain networks and pathological processes of neurological and psychiatric disorders. The articles will cover the consequences of neurodegenerative disorders such as Alzheimer's and Parkinson's disease, stroke, neurotrauma, depression, and schizophrenia.

We encourage submissions related to both healthy populations and patients, with a focus on areas such as electroencephalography (EEG), transcranial magnetic stimulation (TMS), haptic devices, virtual reality (VR), deep brain stimulation (DBS), and computer–brain interfaces. We also welcome works related to the software used for analysis and device support.





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Editor-in-Chief

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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.

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