Special Issue

Advances in Technology of Brain-Computer Interface

Message from the Guest Editors

Brain–computer interface technology (BCI) emerged five decades ago as a new communication technology to permit subjects with severe neuromuscular disorders to communicate and interact with the outer world. The rapid development of wireless technology has opened the door for out of the lab applications, such as in the field of entertainment, neurogaming, industry, education, and neuromarketing. More and more new applications of BCI technology are emerging, including implementations in motor imagery. This Special Issue on "Technology of Brain–Computer Interface in Practice Implementation" will explore the implementations and future prospects of both non-invasive and invasive BCI technology. The scope of the release includes, among others, BCI technology, machine learning, motor imagery, analysis of biomedical signals, modeling–neuroinformatics, biomedical engineering, control and robotics, and computer engineering.

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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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