



## Brain – Computer Interfaces: Challenges and Applications

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### Message from the Guest Editor

Dear Colleagues,

Brain–computer Interfaces emerged a 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 opened the door for out-of-the-lab applications, such as in the field of entertainment, industry, marketing, and education. More and more new applications of brain-computer technology are emerging, including the Internet of Things.

This Special Issue will explore the advances, challenges, and future prospects of both non-invasive and invasive Brain–Computer Interfaces technology. The scope of the release includes, among others: BCI Technology, Analysis of biomedical signals, Modeling – Neuroinformatics, Biomedical Engineering, Control and Robotics, Computer Engineering, Cognitive science – Bioethics, Neurobiology – Neurosurgery, Neurorehabilitation – Biofeedback, Biophysics – Biochemistry.

Dr. Szczepan Paszkiel  
Guest Editor

