

Special Issue

Application of Non-Invasive Brain Stimulation

Message from the Guest Editors

We are inviting submissions to the Special Issue entitled “Application of Non-Invasive Brain Stimulation”. Non-invasive brain stimulation (NIBS) is a set of innovative technologies and techniques with wide implications for studying brain physiology and treating neurologic disease. The objective of the Special Issue is to highlight emerging research, describe current trends, and discuss recent advancements in the field of non-invasive brain stimulation. In particular, we will focus on two techniques: transcranial magnetic stimulation and transcranial direct current stimulation (tDCS). Invited submissions will encompass the efficacy and safety of NIBS, in addition to defining their mechanisms of action from a biophysical and neurophysiological perspective. Additionally, the utility of NIBS as a tool for diagnosis and prognostication will be explored. Finally, the vast therapeutic applications of NIBS will be discussed.

- brain stimulation
- neuromodulation
- plasticity
- transcranial magnetic stimulation
- transcranial direct current stimulation
- epilepsy
- mood disorders
- stroke
- autism spectrum disorder

Guest Editors

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Dr. Harold Westley Phillips

Deadline for manuscript submissions

closed (25 March 2022)



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About the Journal

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.

Editor-in-Chief

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