



Personalized Brain Stimulation: Advances and Challenges

Guest Editors:

Dr. Sara Määttä

Department of Clinical
Neurophysiology, Kuopio
University Hospital, 70210
Kuopio, Finland

Dr. Elisa Kallioniemi

Department of Psychiatry,
University of Texas Southwestern
Medical Center, Dallas, TX 75390,
USA

Deadline for manuscript
submissions:

closed (23 December 2022)

Message from the Guest Editors

This Special Issue is devoted to the personalized applications of brain stimulation, including transcranial magnetic stimulation, repetitive transcranial magnetic stimulation, magnetic seizure therapy, electroconvulsive therapy, transcranial electrical stimulation, deep brain stimulation, photobiomodulation, vagus nerve stimulation, and ultrasound stimulation. Each article should include discussion on the advances or challenges associated with personalizing the application. Both therapeutic and non-therapeutic applications and original research, non-experimental studies (method/technology development), case reports, and critical reviews are welcome.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo

Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q2 (*Engineering, Multidisciplinary*) / CiteScore - Q1 (*General Engineering*)

Contact Us

Applied Sciences Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/applsci
applsci@mdpi.com
X@Applsci