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Non-invasive Brain Stimulation for the Study and the Treatment of the Brain

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Message from the Guest Editor

Dear Colleagues,

Non-invasive brain stimulation, together with neuroimaging, has contributed to the recent developments in cognitive and clinical neuroscience. Over the last decades, innovative non-invasive brain stimulation research approaches have been proposed to investigate the neuro-functional bases of motor, perceptual and cognitive functions, and deepen our understanding of how the brain responds to internal and external stimuli and guides behavior.

This Special Issue will deal with recent theoretical and methodological advances in the use of non-invasive brain stimulation techniques also in combination with neuroimaging and/or neurophysiological measures to study the neuro-functional bases of perceptual, sensorimotor and cognitive functions in relation to relevant topics of psychology, cognitive neuroscience and neuropsychology. Contributions on the use of non-invasive brain stimulation as a potential tool for the treatment of brain pathologies in neurological and/or psychiatric patients with sensorimotor, cognitive or mood disorders are also welcome. We invite articles covering a range of non-invasive brain stimulation.

Dr. Raffaella Ricci



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Special Issue



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Message from the Editor-in-Chief

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