Special Issue

Neuroimaging Techniques in the Measurement of Mental Fatigue

Message from the Guest Editors

Mental fatigue (MF) can be defined as a psychobiological state caused by prolonged episodes of cognitive exertion and may include feelings of sleepiness, as well as physical and mental elements. Moreover, in real-world settings, such as the automotive, industry, aviation and health industries, MF plays a crucial role in increasing risk for accidents, injuries and/or incidents. And despite several years of scientific research focused on the definition of MF, its objective evaluation and characterization is still an open issue. The use and combination of different methodologies can therefore provide a more accurate measurement of MF. For example, neurophysiological signals endow a reliable way to assess and foresee MF changes. Additionally, other methodologies based on behavioural measurements can provide additional information to better assess the onset and impact of MF. This Special Issue "Neuroimaging Techniques in the Measurement of Mental Fatigue" aims to gather a collection of studies detailing the most recent advancements in the field of MF evaluation. Authors are invited to submit cutting-edge research and reviews that address a broad range of topics related to MF.

Guest Editors

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Deadline for manuscript submissions

closed (30 November 2024)

About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

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