



Current Perspectives on Neuroergonomics

Guest Editors:

Prof. Dr. Edmund Wascher

Dr. Stefan Arnau

Dr. Thorsten Plewan

Deadline for manuscript
submissions:

closed (25 March 2021)

Message from the Guest Editors

Continuous information processing and mental load play an increasingly important role in modern working environments. Until recently, the investigation of task demands with neuroscientific methods had been restricted to laboratory settings. Advances in technologies like mobile EEG or mobile fNIRS, however, now allow for measuring cognitive load in real-life working environments or in simulations that are close to it. In this way, new possibilities emerge to track cognitive processing. These possibilities enable us to re-design working environments and potentially reduce cognitive load. Such ergonomically designed work places could be beneficial for the workers' health and well-being directly and indirectly, as the tracking of mental load could also be used to increase safety, especially in monotonous monitoring activities or piloting.

This Special Issue is dedicated to studies on work-related applications of neurocognitive methods. Studies on mental states as well as information processing at work are of interest, as are studies reporting on the development of methods relevant for the field.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Stephen D. Meriney

Department of Neuroscience,
University of Pittsburgh,
Pittsburgh, PA 15260, USA

Message from the Editor-in-Chief

You are invited to contribute a research article or a comprehensive review for consideration and publication in *Brain Sciences* (ISSN 2076-3425). *Brain Sciences* is an open access, peer-reviewed scientific journal that publishes original articles, critical reviews, research notes, and short communications on neuroscience. The scientific community and the general public can access the content free of charge as soon as it is published.

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), PubMed, PMC, Embase, PSYINDEX, PsycInfo, CAPlus / SciFinder, and other databases.

Rapid Publication: manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.2 days after submission; acceptance to publication is undertaken in 1.9 days (median values for papers published in this journal in the first half of 2025).

Contact Us

Brain Sciences Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/brainsci
brainsci@mdpi.com
[X@BrainSci_MDPI](https://twitter.com/BrainSci_MDPI)