Special Issue

Recent Advances in Neuroinformatics

Message from the Guest Editors

Understanding how the brain processes and transfers information across its various levels of organization is a crucial and fascinating question for comprehending both its healthy and pathological states. Thanks to advancements in computational neuroscience and neuroinformatics, which have bridged the gap between experiments and computers, we can now enhance our understanding of these phenomena. This Special Issue aims to explore the latest developments in neuroinformatics, where the interface between experiments and computers can be leveraged to expand our knowledge of the brain. In particular, the continuous development in experimental procedures, where a huge amount of data can now be collected through numerous current channels and voltage imaging, create a need for a discussion of the most recent advances in neuroinformatics. Submissions covering tools commonly applied in the intersection of data and models, such as Machine Learning, Deep Learning, Information Theory, and Dynamical Systems, are also welcome in this issue.

Guest Editors

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Prof. Dr. Ricardo F. Ferreira

Deadline for manuscript submissions

closed (20 September 2024)

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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.

Editor-in-Chief

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