

Special Issue

Latest Research Progress of Human Navigation in Physical and Mental Space

Message from the Guest Editors

Complex and sophisticated brain mechanisms construct mental maps of our surrounding physical space by encoding the distances and directions between locations. These processes are central to navigation and the formation of spatial memory. Recent scientific evidence, as well as early and recent mnemonic techniques, suggest that the formation of spatial maps and representations is important not only for navigation and orientation in physical space but also for the organization and navigation of content, ideas, and memories in a mental, cognitive space.

This Special Issue will showcase recent theoretical and empirical advances in the field of human navigation in physical and mental space. We welcome contributions exploring neuropsychological and cognitive neuroscience approaches and techniques.

We invite submissions of original research articles, reviews (scoping, systematic, or narrative), short communications, case reports, opinions, and commentaries.

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Deadline for manuscript submissions

closed (15 March 2025)



Brain Sciences

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.6
Indexed in PubMed



mdpi.com/si/205208

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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.

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