

Special Issue

The Role of Awareness in Visuomotor Control, Perception, and Spatial Attention

Message from the Guest Editors

Visual awareness refers to the processes that occur when the incoming visual information becomes conscious, leading to the subjective experience of seeing. Studying these processes is at the cutting edge of contemporary cognitive neuroscience. Remarkably, due to the complexity of this phenomenon, there is still no agreement on its nature, its underlying neural dynamics, and, more importantly, its involvement in different functions such as perception, spatial attention, and visuomotor control. Is visual awareness always necessary, or can these processes operate outside the person's awareness? With this Special Issue, we aim to provide the reader with new insights into the mechanisms responsible for our conscious perceptual experience during different tasks and how these mechanisms operate in both healthy and neurological populations. This research topic welcomes both theoretical and empirical contributions that address these questions using any relevant techniques and methods. **Keywords:** visual awareness; visual perception; action; visuospatial attention; visuomotor integration

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