Special Issue

Perception Across Disciplines: Exploring the Intersections of Cognitive, Social, Affective and Neural Dimensions

Message from the Guest Editor

1. Neural and Biological Foundations (sensory processing in the brain; Multisensory integration and cross-modal interactions; neuroplasticity and perceptual adaptation).
2. Cognitive and Behavioral Dimensions (attention, memory, and decision-making in perceptual tasks).
3. Linguistic and Cultural Influences (the interplay between language and perception; the role of perception in reading and writing systems).
4. Computational and Data-Driven Approaches (machine learning models of sensory and perceptual processes; predictive coding, Bayesian inference, and other theoretical frameworks; Big Data Analytics and perceptual datasets).
5. Medical and Clinical Applications (altered perception and sensory issues in neurological and psychiatric conditions; rehabilitation strategies for sensory impairments; neuroprosthetics and sensory substitution technologies).
6. Philosophical and Ethical Considerations (the nature of subjective experience and qualia).
7. Interdisciplinary Developments (perception in social cognition, emotion, and communication; applications in virtual reality, augmented reality, and human–computer interactions).

Guest Editor

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