

Special Issue

Applications of Functional Near-Infrared Spectroscopy (fNIRS) in Cognitive Neuroscience, Social Neuroscience, Neuromanagement, and Neuroengineering

Message from the Guest Editors

Over the last three decades, functional near-infrared spectroscopy (fNIRS) has greatly promoted our understanding of human brain, especially in special samples and in special contexts. Up to ten years ago, fNIRS was normally used to examine basic cognitive functions; while in the last decade, fNIRS has attracted increasing attention in the fields of social interaction, education, child development, ergonomics, rehabilitation, and neural engineering. In the next decade, fNIRS will continue to play a significant role in interdisciplinary research connecting cognitive neuroscience and other engineering, social, medical, and even design sciences. In this Special Issue, therefore, we invite submissions addressing (but not limited to) the following topics using fNIRS: Social neuroscience, Neuromanagement, Neuromarketing, Educational neuroscience, Developmental neuroscience, Neuroaesthetics, Neuroergonomics, Neurorehabilitation, Neuroengineering, Brain-computer interface.

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