

Special Issue

Multimodal Imaging in Neurosciences

Message from the Guest Editor

Multimodal medical imaging is a field of increasing interest and development. Nowadays, almost all imaging research is carried out using more than one imaging technique. These methods (e.g., EEG-fMRI, MRI-PET, fMRI-eyetracking, fMRI physiologic measures, EEG-TMS, TMS-fMRI, EEG-fNIRS, etc.) complement each other, giving useful information that is very important to understand underlying mechanisms. This Special Issue covers a broad spectrum of research; multimodal studies that use more than one imaging measure to reply to a specific research question are particularly welcome. We also intend to publish works about the transfer of more heavy measures (PET or MRI) to more simple techniques the subject might use in their daily life, and thus improve diagnostic or therapeutic outcomes. The Special Issue is also open to the development of methods to integrate the different metrics obtained, and to new signal processing and artifacts correction approaches. Multimodal experimental designs and protocols, signal processing, and possible clinical applications of multimodal imaging and stimulation will also be considered.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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