

Special Issue

Optics and Brain Detection in Emerging Applications

Message from the Guest Editor

In measurements of the cerebral cortex, optics-based techniques have many advantages over other neuroimaging methods. For instance, the technology is usually portable, clinically friendly, and allows long recording times. Optical techniques offer a broad range of contrast mechanisms to study brain-function-related parameters, but they are still mostly used to monitor cerebral oxygen saturation. This Special Issue aims to cover the latest developments in optics applied to brain detection. In particular, it aims to shed light on the emerging applications of optics in brain monitoring.

Guest Editor

Prof. Dr. Teemu Myllylä

Research Unit of Medical Imaging, Physics and Technology, University of Oulu, Oulu, Finland

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Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
appls-ci@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

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