Special Issue

Recent Advances in Devices for Human Brain Imaging

Message from the Guest Editor

The relationship between firing patterns of the central nervous system and our behavior has become one of the most important research topics of this decade and will continue to gain importance in the future. Perhaps this is one of the last frontiers of discovery regarding human behavior, intelligence, and emotion. Understanding the human brain and how it works and how it determines what we do, what we think and what we feel, may enable us to understand the origin of many things we do, think and feel. This Special Issue on biomedical imaging devices will cover the timely topic of intrusive and non-intrusive devices for imaging signals originating from brain's neuron firing. It will be collection of modern brain imaging techniques with an emphasis on portable or potentially portable imaging devices that may enable in-situ and in-vivo imaging of human brain activity in their natural environment. Direct imaging as well as imaging through enhanced blood flow, and through other intermediaries are included.

Guest Editor

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Message from the Editor-in-Chief

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