

Special Issue

Mental Health Monitoring and Psychiatric Practice Using Sensors and Wearables

Message from the Guest Editor

In psychiatric diagnosis and mental health management, there is an increasing need for practical objective measures in addition to psychological and behavioral assessment. This Special Issue welcomes the research utilizing biosignals using Sensors and Wearables as practical objective measures to understand the mental disturbances and to develop their treatment. Both clinical and basic studies will be accepted. The objective measures include all types of biosignals including heart rate, heart rate variability, skin conductance, EEG, event-related potential, brain blood flow, body movement, etc. The research targets cover psychiatric disorders including depression, anxiety, stress-related disorders, schizophrenia, developmental disorders, dementia, sleep disturbances and delirium. Research on mental health in the normal population is also welcome. The research may discuss the ways of interventions for treating the symptoms depending on the results obtained by Sensors and Wearables. The interventions can be physical, pharmacological, behavioral and psychological. Studies employing neurofeedback and a brain-machine interface are of interest.

Guest Editor

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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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