

Special Issue

Neuromonitoring, Neuromodulation and Medical Informatics

Message from the Guest Editors

Adaptive closed-loop neuromodulation and symptom advisory systems require reliable, real-time, and sometimes long-term and multimodal sensory systems. Access to such neuromonitoring technology could improve the outcome of therapeutic neurostimulation in several disorders, including complex neurological diseases. This Special Issue targets challenges in reliability, real-time signal processing, artifact masking, biomarker detection, identification and/or prediction in a range of technologies from implantable micro/nanodevices, circuits, and systems to wearable technologies and biomedical signal processing and control, with a focus on neuromonitoring.

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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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