

## Special Issue

# Wearable Sensors for Supporting Diagnosis, Prognosis, and Monitoring of Neurodegenerative Diseases

### Message from the Guest Editors

Neurodegenerative diseases are continuously on the rise. They represent a human drama for patients and their families, and the economic costs, both for the public health systems and for society in general, are extremely high. The aim of this Special Issue is to collect high-quality studies related to recent developments and applications in the field of wearable sensors for neurodegenerative diseases. The topics of interest include, but are not limited to:

- The implementation and assessment of wearable sensors (including inertial measurement units, photoplethysmography, electromyography, electrocardiography, electroencephalography, etc.)
- Sensor networking, Body Area Networks
- Signal acquisition and data collection
- Machine/deep learning algorithms for data processing
- Practical implementations related to the evaluation of motor and non-motor symptoms of neurodegenerative diseases (voice impairment, sleep disorders, autonomic disfunctions, and behavioral defects), possibly during activities of daily living
- Usability issues related to the application of wearable sensor networks on fragile/elderly populations

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### Guest Editors

Prof. Dr. Gabriella Olmo

Dr. Florenc Demrozi

Dr. Luigi Borzi

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### Deadline for manuscript submissions

closed (31 December 2022)



## Electronics

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## About the Journal

### Message from the Editor-in-Chief

*Electronics* is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

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### Editor-in-Chief

Prof. Dr. Flavio Canavero

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