



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

Guest Editors:

**Prof. Dr. Gabriella Olmo**

Department of Control and  
Computer Engineering,  
Politecnico di Torino, 10129  
Turin, Italy

**Dr. Florenc Demrozi**

Department of Electrical  
Engineering and Computer  
Science, University of Stavanger,  
41, 4021 Stavanger, Norway

**Dr. Luigi Borzi**

Department of Control and  
Computer Engineering,  
Politecnico di Torino, 10129  
Turin, Italy

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submissions:

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### Message from the Guest Editors

Dear Colleagues,

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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## Editor-in-Chief

### **Prof. Dr. Flavio Canavero**

Department of Electronics and  
Telecommunications,  
Politecnico di Torino, 10129  
Torino, Italy

## Message from the Editor-in-Chief

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*Electronics* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

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