

## Special Issue

# Wearable and Stretchable Strain Sensors: Advanced Materials, Sensing Technologies, Energy Harvesting

### Message from the Guest Editors

Substantial research effort is focused on the development of reliable and durable strain sensors in wearable applications for technical as well as medical purposes. A sensor utilizes a certain physical or chemical sensing principle, which leads to an electrical signal that is measured. In the particular case of a wearable and flexible strain sensor, the formation, transmission, and recording of the signal has to overcome certain limitations, such as long-term stability under corrosive environments and harsh mechanical conditions (e.g., tensile, fatigue, and cycling tests). In this Special Issue, we are seeking contributions on new concepts for flexible strain sensors, sensing mechanisms, and the evaluation of their signals under applicatory conditions will be presented. New potential applications and assessments under simulated conditions will be welcome, such as case studies of flexible strain sensors in medicine and physiotherapy.

### Guest Editors

Dr. Noemí Aguiló-Aguayo

Research Institute of Textile Chemistry and Textile Physics, University of Innsbruck, Hoechststrasse 73, 6850 Dornbirn, Austria

Prof. Dr. Thomas Bechtold

Research Institute of Textile Chemistry and Textile Physics, University of Innsbruck, Hoechststrasse 73, 6850 Dornbirn, Austria

### Deadline for manuscript submissions

closed (20 June 2024)



## Sensors

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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sensors@mdpi.com](mailto:sensors@mdpi.com)

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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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### Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

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