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Innovative Materials, Smart Sensors and IoT-based Electronic Solutions for Wearable Applications

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Deadline for manuscript submissions:

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Message from the Guest Editors

This Special Issue aims to bring together innovative developments and synergies related, but not limited, to the following topics:

- Electronic wearable solutions for IoT-based health monitoring applications;
- Wearable systems for bio-physical parameters detection: electronic issues;
- Wearable devices for assisting people with physical disabilities, active living, and rehabilitation;
- New materials and smart sensors for wearable applications;
- Less-battery Implantable devices;
- 3D Printing Technology applied to wearable sensor development;
- Flexible sensors and actuators for wearable devices;
- Soft electronic for the signal conditioning applied to wearable sensors;
- Energy harvesting systems for wearable applications: advances and open issues;
- Electronic wearable solutions for smart homes and workplaces;
- Low-power electronic solutions for signals acquisition/processing from wearable sensors;

Special Issue



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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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