Special Issue

Smart Fabrics Technologies and Applications

Message from the Guest Editor

Smart garments and their related technologies started about 20 years ago; nowadays, they are exploited into several applications. Today, clothes are able to measure signals, process data, communicate information, perform actions, provide protection against electrical, thermal, fire, or other agents, i.e., they are essential in several applications. These solutions belong to the more general category of wearable systems, which are smart integrated systems close to, or in contact with, the human body, and that are able to measure, process and transmit biomedical, physical and chemical data or parameters, and/or execute mechanical actions if necessary. They also integrate advanced technical fabrics and innovative processes for fabric functionalization, e.g., creation of flexible circuits, embroidery with conductive fibres, conductive ink printing, coupling different textile layers, etc. This Special Issue aims to build and share a common vision, state-of-the-art knowledge and applications, new research frontiers, and challenges in Smart Fabrics Technologies and Applications.

Guest Editor

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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.

Editor-in-Chief

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