Smart Fabrics and Intelligent Textiles

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Message from the Guest Editors

Dear Colleagues,

We live in times of knowledge-based society that, on the one hand, is focused on acquiring new skills, and, on the other hand, knows how to use them. We can operate in an innovative way thanks to the appropriate theoretical knowledge and practice of applying it. A combination of those two factors coming from various scientific disciplines has led to the creation of smart fabrics and intelligent textiles that are of particular importance for human beings due to the presence of textiles in our everyday lives. They can monitor our physiological parameters, indicate any disruptions, malfunctions, or exceedance of the accepted limit values in our environment, generate electricity, adjust to our needs, as well as acting as an aesthetic element. Such a wide scope of potential additional functions have led to smart fabrics and intelligent textiles replacing traditional textile products in various areas of our life. As in any field of science, it is important to exchange and update knowledge in the area of conducted research.

Special Issue

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Message from the Editor-in-Chief

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