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Novel Wearable E-textile Technologies

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Message from the Guest Editors

Dear Colleagues,

The history of clothing has directly been linked with textile technology since the dawn of civilizations and culture. Environmental protection, social issues, and cultural symbolism have been the main aims in terms of developing new materials and textile techniques with regard to human outfits. Since the 1990s, electronic textiles (e-textiles) have been introduced as emerging concepts in order to enable humans' garments to interact with the technological anthropic surroundings. Those intelligent-application textiles have been called e-garments or smart textiles, and they can potentially be applied to many application areas, such as healthcare, sports, emergency and law enforcement workers, electromagnetic hazardous environment workers, military, space, casual daily clothes, and fashion.

This Special Issue aims to publish new and novel research work focusing on new advances on e-textile technologies. Major subtopics include fundamental or applied research into materials, fabrication, processes, and wearable applications. These can be considered in relation to design computational simulation, experimental characterization, and modelling.



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Special Issue



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Message from the Editor-in-Chief

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