Special Issue

Application of Computational Techniques in the Textile and Clothing (T&C) Industry

Message from the Guest Editors

Today's supply chain operations are experiencing a transition from an industrial age to an information age. The textile and clothing (T&C) sector is no exception to this. While the complexity of operations in the T&C sector has increased due to the increasing demand for faster lead times, reduced cycle times, customized products, tailored experiences, and an improvement in overall transparency and sustainability, following the technological advancements in collecting, storing, and transmitting data, the concerns associated with a *lack of data* have been replaced with the issue of *too much data.* In this context, the application of computational techniques is becoming prominent in a range of investigations, ranging from modelling, simulation and optimization in manufacturing and distributions to improving operating characteristics. This SI focuses on investigations regarding the applications of computational techniques that aim to leverage the power of (large) datasets to study or tackle various challenges in the T&C sector, ranging from design, manufacturing, supply chain operations to market analysis, and beyond. We invite authors to contribute original research work.

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