



Sustainable Development in Smart Apparel Design and Evaluation

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Message from the Guest Editors

Smart clothing with various desired functions (e.g., personal thermal management, health monitoring and energy recycling) have been explored intensively in the last decade. To bring emerging technologies to market and promote their use, the sustainable development of the smart clothing design should be emphasized for balancing function, comfort, aesthetics, ergonomics and easy care. Thus, this Special Issue focuses on recent advances in functional, comfort, technical, aesthetic and cultural demands in smart apparel design and development.

The aim of this Special Issue is to summarize the latest developments in the emerging field of sustainable development in smart apparel design, and to find a sustainable route of smart apparel design for improving human safety and health, lessening the energy crisis and environmental concerns. This Issue will collect contributions on smart apparel design in a variety of application fields:

- Sustainable smart textile materials
- Sustainable design for intelligent garments
- Numerical simulation for smart clothing design
- Production technologies for smart clothing
- Recycling of smart clothing products
- Performance evaluation
- Wearable technology





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Message from the Editor-in-Chief

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