

Smart Textiles and Wearable Technology: Opportunities for Life Enhancement and Health Management

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Abstracts

Smart textiles and wearable technology have the potential to change the way people dress, communicate, respond to emergencies, manage their health and even entertain themselves. They could also provide a much needed boost to the textile industries in the developed world. This report provides a wealth of information including descriptions of the characteristics of smart textiles and wearable technology, the development of the industry, the materials and technologies used, projects and corporate collaborations, potential markets, and opportunities and threats in the market. It also provides an overview of the applications of smart textiles and wearable technology in a number of fields -- namely fashion, communications, entertainment and infotainment, medical and healthcare, occupational health and safety, high visibility apparel, sports, and cosmetotextiles. Furthermore, the report presents examples of innovative smart textile and wearable technology products on the market.

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