



Electronic Textile Materials

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Message from the Guest Editors

Electronic textiles (E-textiles) describe either textiles that have electronic functionality added to them, or that are textile structures constructed from conductive fibres, such as metals wires or conductive polymers. To date, many have focussed on the development of apparel and wearable technical textiles (such as health monitoring devices). In these cases, the E-textile must have close contact with the user (often the skin), and the material must retain key properties for user comfort including drape, shear, and moisture transfer characteristics. Given the extensive use of textiles in technical applications, ranging from aerospace to construction, it is likely that this will be a key growth area for E-textiles in the near future.

This Special Issue on ‘Electronic Textile Materials’ will focus on the development, application, and testing of E-textiles and of new materials for use in the creation of E-textiles. We invite research articles, communications, and reviews on topics including, but not limited to:

- Materials used to produce E-textiles
- Novel fabrication technologies
- E-textile manufacturing
- E-textile material testing
- Novel E-textile applications





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Message from the Editor-in-Chief

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