Special Issue

Electronic Textile Materials

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 has 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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Deadline for manuscript submissions

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Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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