

Special Issue

Preparation and Property Characterization of Fabrics and Their Composites

Message from the Guest Editor

The fabrics and their composites are being widely used in medical and construction fields and for flexible safety barriers for military and transportation purposes. The properties of fabrics and their composites determine their final application. The types of materials, the preparation process and the structure of fabrics and their composites have an impact on their properties, and it is very important to explore the mechanism of the structure–function relationship of fabrics and their composites for product development and application.

This Special Issue, “Preparation and Property Characterization of Fabrics and Their Composites”, aims to cover recent advances in the preparation and property characterization of fabrics and their composites. Topics include, but are not limited to, methods and/or applications in the following areas:

- The preparation and properties of knitted fabrics;
- Fabric modeling and finite element analysis;
- Functional fabric structure and properties;
- High-performance composites.

I hope that you consider submitting a paper to this Special Issue.

Guest Editor

Dr. Ailan Wan

College of Textile Science and Engineering, Jiangnan University, Wuxi 214122, China

Deadline for manuscript submissions

closed (10 July 2025)



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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Editor-in-Chief

Prof. Dr. Giancarlo Cravotto

Department of Drug Science and Technology, University of Turin, Via P. Giuria 9, 10125 Turin, Italy

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