

## Special Issue

# Advances in Multifunctional Textiles: Materials, Technologies and Production Processes

### Message from the Guest Editor

Modern textiles have to face increasing development challenges to meet the criteria of sustainable development and fulfil highly technical, legal, and specific requirements. On the modern market, there is a growing demand for textiles presenting a multifunctional nature, which delivers more than one functionality apart from its primary function. For the production of multifunctional textiles, novel materials and technologies are being conceived and developed. Numerous methods involve the application of new raw materials, adding nanoadditives modifying the fiber-forming polymers, grafting functional groups onto a polymer substrate, applying enzymes, cyclodextrines, and coating, using plasma, or loading various functional materials via micro- and nanoencapsulation, among others. This Special Issue will compile the latest developments and innovations in the field of multifunctional textiles. The papers presented in this Special Issue will cover various topics connected with innovative materials, applied technologies, and production processes. It is my honor and pleasure to invite you to submit a manuscript to this Special Issue.

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### Guest Editor

Prof. Dr. Jan Broda

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### Deadline for manuscript submissions

closed (10 August 2023)



## Materials

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### Message from the Editorial Board

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