



## High Performance Textiles II

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submissions:

**closed (5 May 2023)**

### Message from the Guest Editors

Dear Colleagues,

High-performance textiles are one of the most recent advances in the textile and clothing industry. With input from eminent researchers in the field, this book contributes a critical overview of key advancement in the field. Chapters focus on the use of high-performance textiles in such areas as medicine, protective clothing, heat and fire protection, industrial filtration, geotextiles, civil engineering, and sustainable energy applications. They also focus on the evaluation of novel surface modification using nanoparticles, supercritical fluid, laser, and irradiation with electron beam and plasma technologies for a wide scope of high-performance textiles.

Prof. Dr. Tarek M. Abou Elmaaty

Dr. Maria Rosaria Plutino

*Guest Editors*





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