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Novel Synthetic Fibers for Textile Applications

Guest Editor:

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Message from the Guest Editor

Today, melt and wet spinning of polymers are the most commonly used methods for manufacturing commercial synthetic fibers, due to high spinning velocities and the simplicity of the production line. Ongoing research efforts have ensured that fibers and textiles remain high valueadded products. This Special Issue aims to collect contributions on the most recent advances in the field of fiber melt and wet spinning. Topics of interest are novel polymers, additives and processes to be used in melt and wet spinning; multicomponent spinning; exceptional design of feeding line, spinneret, or drawdown unit; instabilities; physical and chemical spinning characterization; as well as applications of synthetic fibers. addition to experimental results, theoretical In contributions and simulation studies that elucidate the physics of fiber spinning and answer fundamental questions regarding fiber morphologies-from the nanoscale to the macroscale—are also welcome









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Message from the Editor-in-Chief

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