

## Special Issue

# Advances in Additively Manufactured Reinforced Polymers

### Message from the Guest Editors

Additive manufacturing for continuous and discontinuous fiber-reinforced polymers offers many advantages as compared to conventional manufacturing techniques such as injection molding or automated tape laying. These advantages include the fabrication of new optimized structures, integration of short and continuous fibers, and on-demand fabrication of tailored products. For these reasons, additively manufactured fiber-reinforced polymers are gaining popularity in the research and industrial communities. To fully exploit the potential offered by these materials, a key factor is the knowledge of the relationships between the process-induced microstructure and the mechanical performance (stiffness, static, fatigue, and creep strength) of material and structures. Another key factor is the development of models capable of predicting the mechanical properties and printing quality of materials and components. This Special Issue covers these topics and focuses on the relationships between process, microstructure, and performance of additively manufactured fiber-reinforced polymers. We kindly invite you to submit your work to this Special Issue.

### Guest Editors

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### Deadline for manuscript submissions

closed (10 September 2023)



## Materials

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### Message from the Editor-in-Chief

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