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Additive Manufacturing of Composites: Methods, Applications, and Challenges

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20 April 2025

Message from the Guest Editors

The main aim of this Special Issue is to collect research results related to elucidating the subtle intricacies of the integration of composites—whether polymer, ceramic, or metallic-based alloys and compounds, potentially reinforced by fillers, chopped fibers, or continuous fibers—with AM technologies, emphasizing the importance of material compatibility, process optimization, and the development of reinforcement strategies.

We invite contributions that offer a detailed examination of the current state of AM in composite material fabrication. Articles should focus on overcoming challenges, leveraging the unique properties of composites, and exploring the potential for novel applications. Through this collective effort, the issue aims to advance our understanding and application of AM composites in various industrial sectors.

Your scholarly input will be invaluable in shaping a comprehensive narrative on the future of composite materials within the AM landscape.

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Message from the Editor-in-Chief

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