

Special Issue

Advanced Manufacturing Processes of Composite Materials

Message from the Guest Editor

Advanced composite materials are commonly used in many fields due to their excellent properties, such as being lightweight and having excellent mechanical strength. Manufacturing processes play an important role in the performance and cost of composite structures. Traditional autoclave forming processes have defects such as high cost, low efficiency, and limited forming shape. New additive technologies liberate thermoforming process constraints but usually have low mechanical strength. Novel manufacturing processes for composites are needed to improve both performance and efficiency. This Special Issue on “Advanced Manufacturing Processes of Composite Materials” seeks high-quality works focusing on the latest manufacturing processes for composites. Topics include, but are not limited to, the following:

- Hot-press molding processes;
- Additive manufacturing of composites;
- Process simulation and optimization;
- Integrated design of composites, structures, and processes.

Guest Editor

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Editor-in-Chief

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