

## Special Issue

# Manufacturing Process Development of Advanced Composite Materials

### Message from the Guest Editor

The product resulting from the combination of two or more materials to produce a unique product with distinctly different properties is referred to as a composite material. The importance of composites cannot be emphasised enough as they can provide bespoke properties and are being widely used in different industrial sectors (such as automotive, aerospace, marine, construction, electronics, defence, medical, railway, renewable energy, and sports) due to their high strength-to-weight ratio, durability, and design flexibility. This Special Issue is focussed on such advanced composite materials and the processes that can help in their development in a cost-effective manner. This Special Issue welcomes articles providing novel ideas to overcome these aspects through, for example, the design and embedding of fibrous/particulate materials, advances in fabrication and processing of composites, process modelling, and rigorous experimental analysis for the characterisation of composites and their constituent phases/interfaces. Other topics of interest include economic/commercial and environmental as well as recyclability pathways of composites and their manufacturing.

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### Guest Editor

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### Deadline for manuscript submissions

closed (1 June 2024)



## Journal of Manufacturing and Materials Processing

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## About the Journal

### Message from the Editor-in-Chief

*Journal of Manufacturing and Materials Processing (JMMP)* (ISSN 2504-4494) is a new MDPI peer-reviewed, open access venue with a focus on the scientific fundamentals and engineering methodologies of manufacturing and materials processing. We offer an online platform facilitating effective exchange of innovative scientific and engineering ideas and the dissemination of recent, original, and significant research and developmental findings. On behalf of the Editorial Board, I extend an invitation to our scientific and engineering colleagues to contribute high-quality, innovative, and ground-breaking research articles to *JMMP*.

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### Editor-in-Chief

Prof. Dr. Steven Y. Liang

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