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Advances in Polymeric Additive Manufacturing

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Message from the Guest Editors

Polymeric additive manufacturing (AM) has become a research topic in which an ever-growing number of scientists and researchers are investing a considerable amount of time and effort aiming to improve and advance both basic knowledge and application capabilities. Thanks to the high degree of freedom granted by processes such as SLA, in terms of designable geometry and employable materials, its applications are vast and interdisciplinary.

This Special Issue aims to enhance our understanding of the influences among materials, processes, and part design for additively manufactured components, especially in terms of their influence on final mechanical performances, such as elastic properties, strength, failure, and fatigue behavior. Contributions dealing with polymers, short fiber-reinforced polymers, long fiber-reinforced polymers, metal composite multi-materials, and biomedical materials-based additive manufacturing are welcome. Both experimental and numerical contributions are invited. Case studies on additive manufacturing applications are also welcome if a clear scientific connection among design, process, and product is established.



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Special Issue



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Message from the Editor-in-Chief

Since its foundation in 2009, *Polymers* has developed into an internationally renowned, extremely successful open access journal. The editorial team and the editorial board dedicatedly combine open-access publishing and high-quality rigorous peer reviewing. The performance of the journal has proven this strategy to be well-suited and highly successful. This is reflected in the increasing impact factor of *Polymers*, the most recent one being 5.0.

I would like to invite you to contribute to the success of the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

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