



Advances in Additive Manufacturing: Materials, Design and Applications towards Sustainability

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Message from the Guest Editor

Dear Colleagues,

Recent advances in additive manufacturing (AM), in essence, have taken the field of advanced manufacturing by storm. The cheap and easy availability, as well as maturity, of related technologies has enabled additive manufacturing to be a viable solution for end-use parts and tooling across a range of sectors, from aerospace to health and from metalworking to construction. This has become possible because of the advantages provided by additive manufacturing, such as enhanced product performance, design freedom, waste reduction, near net shape manufacturing, etc. As much as AM is being favored over conventional manufacturing, there are many questions that remain unanswered, especially from the point of view of suitability and sustainability.

Through this Special Issue, we will strive to see how additive manufacturing experts are striving to mitigate these challenges and thus making contributions towards making the process more sustainable and far-reaching in terms of three aspects, i.e., materials, design, and applications.

This SI is focused on breakthroughs, procedures and practices, and advances in the general area of additive manufacturing.





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