



## Failure, Fracture and Fatigue in Additive Manufacturing (F<sup>3</sup>AM)

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Deadline for manuscript  
submissions:

**closed (31 December 2021)**

### Message from the Guest Editor

Dear Colleagues,

Additive manufacturing (AM), also known as 3D printing, has experienced dynamic and explosive growth in recent years in full-scale production of customized and/or complex parts. However, the development of AM is associated with ongoing challenges in static and dynamic failure (trustworthiness) of the AM parts relative to their conventionally fabricated forms. To be able to fully adopt AM technology in different engineering sectors (e.g., ground and air transportation, aerospace, defense, biomedical) the failure, fracture, and fatigue of AM parts, metallic and nonmetallic, must be fully assessed at ambient and elevated temperatures. This Special Issue of the *Journal of Manufacturing and Materials Processing* (JMMP) invites technical and review papers on, but not limited to, different aspects of damage in AM, including failure in various AM processes, static and dynamic failure and fracture...

For further information about the special issue, please visit [mdpi.com/journal/jmmp/special\\_issues/F3AM](https://mdpi.com/journal/jmmp/special_issues/F3AM).





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### Message from the Editor-in-Chief

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