

## Special Issue

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

### Message from the Guest Editor

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).

### Guest Editor

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### Deadline for manuscript submissions

closed (31 December 2021)



## Journal of Manufacturing and Materials Processing

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### 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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