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Fatigue and Fracture of Additively Manufactured Materials

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Message from the Guest Editors

This Special Issue focuses on **Fatigue and Fracture of Additively Manufactured Materials** that can bring together scientists and engineers working in the advanced manufacturing community to openly discuss the state-of-the-art, particularly with potential fatigue and/or fracture responses. It is well-known that such high-freedom fabricated advanced materials and components are necessarily obliged to key large-scale engineering complex structures subjected to complex environment and loading. This topic has been becoming a foundation of technical concern when pushing (hybrid) additive manufacturing processes into load-carrying structures. The depth understanding on damage evolution and modeling can help to qualify safety critical parts and further reduce the uncertainty of the physical system. Therefore, this Special Issue intends to collect contributions that address research studies related to theoretical, numerical and experimental investigations on the fatigue and fracture of advanced materials and structures using additive manufacturing.

It is my pleasure to invite you to submit a manuscript for this Special Issue.

Prof. Dr. Shengchuan Wu and Prof. Dr. Guian Qian
Guest Editors

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Message from the Editor-in-Chief

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