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Fatigue and Fracture of Additively Manufactured Materials

Guest Editors:

Prof. Dr. Shengchuan Wu

State Key Laboratory of Traction Power, Southwest Jiaotong University, Chengdu 610031, China

Prof. Dr. Guian Qian

State Key Laboratory of Nonlinear Mechanics (LNM), Institute of Mechanics, Chinese Academy of Sciences, Beijing 100190, China

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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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Editor-in-Chief

Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada

2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

Message from the Editor-in-Chief

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Contact Us

Materials Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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