



Development of Ceramics Additive Manufacturing

Guest Editors:

Prof. Dr. Yusheng Shi

School of Materials Science and Engineering, Huazhong University of Science and Technology, Wuhan 430074, China

Dr. Jiamin Wu

School of Materials Science and Engineering, Huazhong University of Science and Technology, Wuhan 430074, China

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Message from the Guest Editors

Dear Colleagues,

Additive manufacturing (AM) is a promising method used to fabricate ceramic parts with complex shapes. Currently, a wide variety of AM techniques can be used to fabricate ceramics, including photopolymerization (SLA/ DLP), direct ink writing (DIW), binder jetting (BJ), selective laser sintering (SLS), etc. Structural and functional ceramics can be fabricated using AM methods. These products have potential mechanical and biomedical applications, aerospace- and defence-related uses, and importance in other fields. Extensive research has been conducted on the AM of structural ceramics, including Al_2O_3 , ZrO_2 , etc. Recently, AM of functional ceramics, including piezoelectric ceramics, ferroelectric ceramics, thermoelectric ceramics, microwave dielectric ceramics, and so on, has been widely studied.

The primary aim of this Special Issue is to collect new research developments in structural and functional ceramics fabricated using AM methods.





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Prof. Dr. Steven Y. Liang

George W. Woodruff School of
Mechanical Engineering, Georgia
Institute of Technology, Atlanta,
GA 30332-0405, USA

Message from the Editor-in-Chief

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*Journal of Manufacturing and
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MDPI, Grosspeteranlage 5
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