



3D Printing of Metals

Guest Editor:

Prof. Dr. Manoj Gupta

Materials Group, Department of
Mechanical Engineering, National
University of Singapore, 9
Engineering Drive 1, Singapore
117576, Singapore

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Message from the Guest Editor

Dear Colleagues,

3D printing is an emerging technique of immense engineering importance, capable of transforming the way we make components. However, it faces numerous challenges in order to become an integral part of manufacturing industry. This Special Issue, thus, focuses on inviting contributions on all aspects of the 3D printing of metals. The main themes are listed as follows:

- Issues related to 3D processing techniques for metals.
- Microstructural evolution during 3D printing
- Characteristics of 3D printed materials.
- Applications of 3D printed metal-based materials.

Contributions from academic researchers, practicing engineers, and industry are equally desirable to enable the readers to appreciate different points of view.

Dr. Manoj Gupta
Guest Editor





metals



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Laboratory for Advanced Metals
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30 Xueyuan Road, Beijing 100083,
China

Message from the Editorial Board

Metallic materials play a vital role in the economic life of modern societies; contributions are sought on fresh developments that enhance our understanding of the fundamental aspects related to the relationships between processing, properties and microstructure – disciplines in the metallurgical field ranging from processing, mechanical behavior, phase transitions and microstructural evolution, nanostructures, as well as unique metallic properties – inspire general and scholarly interest among the scientific community.

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Contact Us

Metals
MDPI, St. Alban-Anlage 66
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