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3D Printing of Metallic Materials

Guest Editors:

Dr. Animesh Kumar Basak
Adelaide Microscopy, The University of Adelaide, Adelaide, SA 5005, Australia

Dr. Alokesh Pramanik
Department of Mechanical Engineering, Curtin University, GPO Box U1987, Perth, WA 6845, Australia

Dr. Chander Prakash
Department of Industrial Engineering, School of Mechanical Engineering, Lovely Professional University, Punjab 144411, India

Deadline for manuscript submissions:
closed (20 April 2023)

Message from the Guest Editors

The use of 3D printing is of prime importance in terms of accuracy and overcoming the shortcomings of traditional materials' fabrication process as well as toward zero wastage of materials. Nevertheless, 3D printing of metallic materials comes with its own set of challenges, such as stress buildup, bulk properties, and inherent porosities. This Special Issue, "3D Printing of Metallic Materials", will address advances in 3D printing of wide range of materials, such as metals, alloys and metallic composites. Topics of interest include but are not limited to the following:

- Recent developments in the 3D printing processes
- Modeling/simulation of the 3D printing process
- Hybrid 3D printing process
- Optimization procedures of the fabrication process
- Property evaluation of printed parts in different length scales

We look forward to your contributions.

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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

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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Contact Us

Materials Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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𝕏@Materials_Mdpi