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# High-Performance Light Alloys

Guest Editors:

**Dr. Shenglu Lu**
Centre for Additive Manufacturing, School of Engineering, RMIT University, Melbourne, VIC 3000, Australia

**Dr. Ganesh Kumar Meenashisundaram**
Additive Manufacturing Group, Singapore Institute of Manufacturing Technology, Singapore, Singapore

**Dr. Zhilin Liu**
Stake Key Laboratory of High Peformance Complex Manufacturing, Light Alloys Research Institute, Central South University, Changsha 410083, China

Deadline for manuscript submissions:
**closed (10 October 2022)**

## Message from the Guest Editors

Dear Colleagues,

Light alloys of titanium (Ti), magnesium (Mg), and aluminum (Al) have excellent mechanical and physical properties. They have the potential to replace heavier materials in transportation and aerospace industries targeting weight reduction that will cut down fuel consumption and subsequently mitigate greenhouse gas emissions. New alloy design and methodologies for successful fabrication of light alloys are of keen interest to scientists, and substantial efforts have been devoted to new alloy development.

However, it is difficult for these new alloys to replace the commercial materials at present. Novel approaches to renew or redevelop commercial materials to achieve an enhanced properties-to-cost ratio are of great significance both scientifically and economically.

This Special Issue will cover research investigations that can significantly increase the properties of commercial light alloys with minimal-to-nil change to the composition of these materials. We also welcome the submission of review papers on this topic.

Thank you very much. We look forward to receiving your submissions.

Dr. Shenglu Lu
Dr. Ganesh Kumar Meenashisundaram
Dr. Zhilin Liu
*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

Tel: +41 61 683 77 34
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