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## Development and Applications of Laser-Based Additive Manufacturing

Guest Editors:

### Prof. Dr. Changjun Chen

Laser Processing Research Center, School of Mechanical and Electric Engineering, Soochow University, Suzhou 215131, China

### Dr. Chaolin Tan

Singapore Institute of Manufacturing Technology (SIMTech), Agency for Science, Technology and Research (A\*STAR), 2 Fusionopolis Way, Singapore 138634, Singapore

### Dr. Ashfaq Khan

Department of Engineering and Mathematics, Sheffield Hallam University, Sheaf Street, Sheffield S1 1WB, UK

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### Message from the Guest Editors

Manufacturing technology is crucial for the advancement of humankind. Amidst this ongoing human endeavour, several breakthroughs have been made in manufacturing technologies. However, none have been as promising and prevalent in recent times as the development of additive manufacturing (AM) technologies.

Additive manufacturing entails the layered deposition of materials and the cohesion of these layers to create intricate parts in a single-step process. Among the most effective methods for joining these successive layers is the utilisation of lasers as targeted heat sources for fusing the layers. Consequently, lasers have emerged as invaluable tools in AM, particularly for metal processing.

Due to their numerous advantages, AM techniques find application in nearly every sector. Although laser-based AM has undergone extensive investigation in recent years, it still holds significant untapped potential.

Hence, this Special Issue aims to explore the latest developments and applications of laser-based additive manufacturing.

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### 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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Materials Editorial Office  
MDPI, Grosspeteranlage 5  
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