

## Recent Development in Post-processing for Additive Manufacturing

Guest Editors:

**Dr. Yuchao Bai**

School of Mechanical  
Engineering and Automation,  
Harbin Institute of Technology,  
Shenzhen, China

**Dr. Hao Wang**

Mechanical Engineering, National  
University of Singapore, 9  
Engineering Drive 1, Singapore  
117576, Singapore

Deadline for manuscript  
submissions:

**31 October 2024**

### Message from the Guest Editors

Dear Colleagues,

The unique manufacturing method of layer-by-layer manufacturing enables additive manufacturing (AM) technology to outperform traditional subtractive manufacturing process for customized products, geometrically complex parts, and near-net-shape rapid manufacturing. Therefore, this technology has been attracting great attention. To date, AM technology has been extended to automotive, aerospace, moulding, medical, and biomedical industries, among others. The surface and subsurface of the additively manufactured parts exhibit unique performance characteristics, which requires new surface treatment processes to achieve support structure removal, surface performance improvement, tissue performance regulation, dimensional accuracy improvement and surface finish improvement. Developing new post-processing methods and protocols for AM technology is also a crucial link for bridging the upstream and downstream chains of the entire AM industry.

This Special Issue aims to publish the experimental and theoretical results on post-processing for additive manufacturing and to contribute to quality improvement and rapid application of additively manufactured parts.



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# Special Issue

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### Prof. Dr. Wei Pan

State Key Laboratory of New  
Ceramics and Fine Processing,  
School of Materials Science &  
Engineering, Tsinghua University,  
Beijing 100084, China

### Dr. Emerson Coy

NanoBioMedical Centre, Adam  
Mickiewicz University in Poznań,  
ul. Wszechnicy Piastowskiej 3, 61-  
614 Poznań, Poland

## Message from the Editorial Board

Now more than ever, research is called for to produce technologies and improve knowledge to solve the major challenges faced by our society. The development of new materials and devices for (without the ambition to be exhaustive) energy, health and food technology, together with the need for establishing processes that reduce the impact on critical resources and the environment, is indeed at the center of most contemporary research. Surface science and engineering play a key role in this regard. Refining surfaces and their modifications provides new materials, architectures and processes with a huge potential to aid most societal challenges. *Coatings* is a well-established, peer-reviewed, online journal that focuses on the dissemination of publications in the field of surface science and engineering. *Coatings* publishes original research articles that report cutting-edge results and review papers on the hottest topics.

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Coatings Editorial Office  
MDPI, St. Alban-Anlage 66  
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