



## Micro and Nano-Manufacturing

Guest Editor:

**Dr. Martin Byung-Guk Jun**

School of Mechanical  
Engineering, Purdue University,  
585 Purdue Mall, West Lafayette,  
IN 47907-2088, USA

Deadline for manuscript  
submissions:

**closed (30 November 2018)**

### Message from the Guest Editor

Dear Colleagues,

Micro- and nano-scale manufacturing is gaining more attention due to production miniaturization and customization. High precision and product quality are difficult to achieve at this length scale; thus, a deeper understanding of the processes, development of characterization methods, modeling and simulations, and monitoring are required for the improvement of product quality and mass scale productivity. This Special Issue of *JMMP* will focus on advances in micro- and nano-scale manufacturing processes and systems that address the aforementioned requirements. Both theoretical and experimental contributions are welcome. Application-oriented novel manufacturing processes and systems are also of interest.

Dr. Martin Byung-Guk Jun

*Guest Editor*





Journal of  
*Manufacturing and  
Materials Processing*



an Open Access Journal by MDPI

### Editor-in-Chief

**Prof. Dr. Steven Y. Liang**

George W. Woodruff School of  
Mechanical Engineering, Georgia  
Institute of Technology, Atlanta,  
GA 30332-0405, USA

### Message from the Editor-in-Chief

*Journal of Manufacturing and Materials Processing (JMMP)* (ISSN 2504-4494) is a new MDPI peer-reviewed, open access venue with a focus on the scientific fundamentals and engineering methodologies of manufacturing and materials processing. We offer an online platform facilitating effective exchange of innovative scientific and engineering ideas and the dissemination of recent, original, and significant research and developmental findings. On behalf of the Editorial Board, I extend an invitation to our scientific and engineering colleagues to contribute high-quality, innovative, and ground-breaking research articles to *JMMP*.

### Author Benefits

**Open Access:** free for readers, with **article processing charges (APC)** paid by authors or their institutions.

**High Visibility:** indexed within **Scopus**, **ESCI (Web of Science)**, **Inspec**, **CAPlus / SciFinder**, **Ei Compendex** and **other databases**.

**Journal Rank:** JCR - Q1 (Engineering, Mechanical) / CiteScore - Q2 (*Mechanical Engineering*)

### Contact Us

---

*Journal of Manufacturing and  
Materials Processing* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/jmmp](http://mdpi.com/journal/jmmp)  
[jmmp@mdpi.com](mailto:jmmp@mdpi.com)  
[X@JMMP\\_MDPI](https://twitter.com/JMMP_MDPI)