

## Special Issue

# Manufacturing Process Engineering in Industrie 4.0

### Message from the Guest Editors

The Industrie 4.0 principles rely on digital thread and real-time data communication to manage and monitor production systems and the integration of several technologies to improve manufacturing process efficiency. Based on advanced information technology and the reuse of capitalized knowledge, it will be possible to enable the reengineering of global value chains, to develop disrupting business and industrial models, to increase the agility of production engineering and manufacturing operations. In such a context, many opportunities for manufacturing process engineering and management exist, particularly for the improvement of production operations where benefit of the digital transformation is emerging quickly. The Special Issue of *JMMP* welcomes innovative contributions dealing with the following: - Industrie 4.0

- Factories of the future
- Smart manufacturing
- Cyber-physical production systems
- Industrial Internet of Things
- Digital transformation
- Virtual engineering and prototyping
- CAD/CAM/CAPP
- Intelligent production management
- Manufacturing data analytics

### Guest Editors

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### Deadline for manuscript submissions

closed (31 August 2020)



## Journal of Manufacturing and Materials Processing

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CiteScore 5.2



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## About the Journal

### 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*.

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### Editor-in-Chief

Prof. Dr. Steven Y. Liang  
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(Mechanical Engineering)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.2 days after submission; acceptance to publication is undertaken in 3.6 days (median values for papers published in this journal in the first half of 2025).