Special Issue

Frontiers in Digital Manufacturing

Message from the Guest Editors

The field of manufacturing has been evolving rapidly in light of new technologies and digitalization. Direct digital manufacturing (DDM) methods and digital twins are examples of emerging technologies with potentially significant impacts on the future of production. Additive manufacturing, a DDM method, started as a means for prototyping. With improvements in material availability and process quality, its applications have exponentially expanded in final part production in different industries. Digital twins enable practitioners to enhance product design and manufacturing process. In this Special Issue, we publish state-of-the-art studies focusing on the development, improvement and management of material, processes and practices designed or adapted for use in digital manufacturing. We are interested in contributions that focus on topics such as:

- New processes or practices in the field of additive manufacturing
- Implementation of digital twins for manufacturing
- Case studies related to the digital transformation of manufacturing processes
- Life cycle assessment and cost analysis in digital manufacturing
- Implications of digital manufacturing on supply chain management

Guest Editors

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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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