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Developments in Direct Digital Manufacturing

Guest Editors:

Prof. Dr. Geoffrey R. Mitchell
Centre for Rapid and Sustainable Product Development, Institute Polytechnic of Leiria, Rua de Portugal, 2430-028 Marinha Grande, Portugal

Prof. Dr. Nuno Manuel Fernandes Alves
Centre for Rapid and Sustainable Product Development, Polytechnic of Leiria, 2430-028 Marinha Grande, Portugal

Prof. Dr. Mahadevappa Kariduraganavar
Department of Studies in Chemistry, Faculty of Science, Karnatak University, Dharwad 580 003, India

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Message from the Guest Editors

Direct digital manufacturing is a family of emerging technologies that enables products to be fabricated directly from a digital definition without the use of tooling or molds. This Special Issue will focus on research related to new digital manufacturing processes and related material transformations, including the adding of in-line monitoring to existing digital manufacturing technologies. Contributions that focus on new materials for digital manufacturing and on new applications of digitally manufactured parts will be particularly welcome, as well as developments that draw digital manufacturing and the principles of the circular economy together.

The following topics are within the scope of this Special Issue:

- Manufacturing—all digital technologies, new applications, new technologies and the addition of closed feedback to existing technologies
- Predictive modeling of materials throughout the manufacturing cycle
- Enhanced and controlled material transformation using digital technologies
- Design of new equipment for digital manufacturing
- Methods, especially in-line assessment and control of quality
- Intelligent material processing for improved material properties

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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*.

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

Tel: +41 61 683 77 34
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