



## Developments in Direct Digital Manufacturing

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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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### Message from the Editor-in-Chief

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