



## Polymer Materials and Design Processes for Additively Manufactured Products

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### Message from the Guest Editors

One of the great promises of additive manufacturing was innovations in product design by exploiting its geometry agnosticism and the reduction of constraints previously imposed by manufacturing capabilities. Once employed purely for prototyping, additive manufacturing is now increasingly used in the production of end-use products, either for spare parts, small series production, or tooling. However, there are still challenges to the wider industrialisation of additive manufacturing, such as a lack of a broader selection of printable materials, limited material performance but also a lack of design knowledge, in particular, the familiarity with the technology and the design principles that are best suited to AM's unique capabilities. Manufacturing scaling also appears to be one of the major challenges.

Since manufacturing innovation starts with design innovation, this Special Issue focuses on advances, both in polymer material/process design and product design, that impact and improve additively manufactured end-use products and the industrialisation of additive manufacturing.





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