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Technological Advances in Polymer Microfabrication: Design and Processing Innovations, 2nd Edition

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Deadline for manuscript submissions:
closed (31 December 2025)

Message from the Guest Editors

Technological advances in polymer microfabrication are continuously being made in both academia and industry, supporting product miniaturization, the integration of new functionalities, and the processing of new polymers. The boundaries of conventional part design, tool design, and processing need to be revisited and modified when approaching polymer microfabrication. Moreover, the complex interaction between materials, process states, and product properties needs to be studied to introduce product and process design innovations.

This Special Issue is dedicated to technological advances in polymer micro-manufacturing technologies. Invited and submitted articles should investigate the complex interaction between material, process, and property that characterizes product design and polymer processing at the micro-scale. This Special Issue is not limited with respect to the type of polymer processing technology. Authors are encouraged to report advances for both novel and well-established technologies. The goal is to provide state-of-the-art examples of new developments in polymer processing technologies and their application for innovative and functional plastic products.

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Message from the Editor-in-Chief

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