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## Polymers and Injection Molding Simulation

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submissions:

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### Message from the Guest Editor

The molds and plastics industry, like so many other industrial sectors, has faced enormous challenges in a bid to increase competitiveness through the search for a cleaner, less energy-intensive production that makes better use of material resources.

Numerical simulation of injection molding is a powerful tool to be used in the early stages of the process to optimize the design of parts for manufacture, validate and improve the injection mold tool design, trouble shoot molding problems, and reduce cost and lead time to market. Moreover, proper attention must be paid to the different control strategies that may be envisaged during mold production. Highly complex parts are continuously being sought, and with the rapid advance of additive technologies, the use of strategies such as conformal cooling to enhance heat dissipation and improve overall cycle time are also being assessed. It is, therefore, of utmost importance to establish new trends in what concerns mold diagnosis for part quality assessment.

It is my pleasure to invite you to submit a manuscript to this Special Issue. Full papers, communications, and reviews are all welcome.





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## Editor-in-Chief

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## Message from the Editor-in-Chief

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