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Advanced Measurement, Prediction, and Testing Techniques in Polymer Manufacturing, Processing, and End-Use

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Message from the Guest Editors

In order to ensure the quality of polymer products, it is usually necessary to measure key process parameters during polymer manufacturing and processing. Some of the parameters relate to the material properties, while some others directly reflect the product quality. In the situations where the key parameters are not measurable in real-time, data-driven statistical or machine learning methods can be adopted to construct soft sensors. In addition, nondestructive testing, including active thermography, ultrasonic testing, etc., is often required to evaluate the end-use products, where both hardware setup and data analytics are important. This Special Issue aims to introduce recent advanced techniques in these fields that can potentially improve polymer manufacturing and processing as well as ensure product quality.

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Special Issue

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Message from the Editor-in-Chief

Since its foundation in 2009, *Polymers* has developed into an internationally renowned, extremely successful open access journal. The editorial team and the editorial board dedicatedly combine open-access publishing and high-quality rigorous peer reviewing. The performance of the journal has proven this strategy to be well-suited and highly successful. This is reflected in the increasing impact factor of *Polymers*, the most recent one being 4.9.

I would like to invite you to contribute to the success of the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

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