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# **Advances in Data Analytics for Manufacturing Quality Assurance**

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Deadline for manuscript submissions:

30 November 2023

# **Message from the Guest Editors**

Data analytics, statistics, and machine learning play crucial roles in advanced manufacturing. In this Special Issue, we are looking for high-quality research papers relevant to data analytics for manufacturing quality assurance, including process monitoring, anomaly/defect detection, variation quantification, system/process optimization, and reliability analysis. Articles that establish methodologies in these topics or provide interesting and innovative applications are immensely welcome. Reviews will also be considered, mainly those that may provide commentaries that lead to open perspectives of new methodologies and applications.

# **Keywords**

- process monitoring/prognosis
- anomaly/defect detection
- uncertainty quantification
- system/process optimization
- reliability analysis
- statistics
- machine learning/deep learning
- data fusion
- measurements
- quality evaluation











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## Message from the Editor-in-Chief

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