



## Process Monitoring and Fault Diagnosis

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Deadline for manuscript  
submissions:

**closed (31 May 2023)**

### Message from the Guest Editor

The aim of this issue is to present methodological, theoretical, and practical developments related to “Process Monitoring and Fault Diagnosis”. Potential topics include but are not limited to the following:

- Early detection of process abnormality in industrial practice;
- Feature extraction of normality under multi-steady and non-steady states;
- Dynamics feature extraction under different control strategies;
- Root cause identification based on both process knowledge and data analytics;
- Integration of first principle model and data information;
- Application of machine learning methods;
- Soft sensor development;
- Data processing for feature extraction;
- Bottleneck analysis based on multiscale process data analysis;
- New method for batch process monitoring;
- Modeling and analysis of non-stationary signals;
- Metrics for fault detection.





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## Editor-in-Chief

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## Message from the Editor-in-Chief

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