



Advances in Condition Monitoring, Optimization and Control for Complex Industrial Processes

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Message from the Guest Editors

The Special Issue on "Advances in Condition Monitoring, Optimization and Control for Complex Industrial Processes" aims to provide a platform for researchers and engineers to report their recent results, exchange research ideas, and overlook emerging research and application directions in condition monitoring, optimization and advanced control for complex industrial processes.

Potential topics include, but are not limited to, the following:

- Complex dynamic analysis of industrial processes
- Condition monitoring techniques
- Machine learning-based diagnosis and prognosis algorithms
- Advanced optimization methodologies
- Resilience of cyber–physical systems
- Advanced control algorithms and robustness analysis with applications
- Accelerating multiscale dynamic simulations of industrial processes
- Validation and real-time applications





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Message from the Editor-in-Chief

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