Modelling, Monitoring, Control and Optimization for Complex Industrial Processes

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Message from the Guest Editor

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

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

- Complex dynamic analysis and modelling of industrial processes
- Data-driven modelling approaches for complex industrial processes
- Multiscale dynamic simulations of industrial processes
- Condition monitoring and fault diagnosis techniques
- Prognosis and predictive maintenance for complex industrial systems
- Advanced optimization methodologies
- Resilient control techniques
- Advanced approaches and techniques for cyber–physical systems
- Validation and real-time applications

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Special Issue

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Message from the Editor-in-Chief

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