



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

Guest Editors:

Dr. Zhiwei Gao

Department of Mathematics,
Physics and Electrical
Engineering, Northumbria
University, Newcastle upon Tyne
NE1 8ST, UK

Prof. Dr. Michael Z. Chen

School of Automation, Nanjing
University of Science and
Technology, Nanjing 210094,
China

Dr. Dapeng Zhang

School of Electrical Engineering
and Automation, Tianjin
University, Tianjin 300072, China

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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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Editor-in-Chief

Prof. Dr. Giancarlo Cravotto

Department of Drug Science and
Technology, University of Turin,
Via P. Giuria 9, 10125 Turin, Italy

Message from the Editor-in-Chief

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Processes Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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