

Special Issue

Advanced Performance-Oriented Evaluation, Diagnosis and Fault-Tolerant Control Techniques for Industrial Processes

Message from the Guest Editors

This Special Issue will focus on advanced performance-oriented evaluation, diagnosis and fault-tolerant control methodologies for complex industrial systems, especially performance monitoring and fault-tolerant control techniques, and machine-learning-related schemes with their industrial applications. We invite original manuscripts presenting recent advances in these fields with special reference to the following topics:

- Data-driven performance monitoring and evaluation techniques.
- Machine-learning-based fault diagnosis and fault-tolerant control techniques.
- Data-driven fault diagnosis techniques.
- Advanced model-based fault diagnosis and fault-tolerant control techniques for complex industrial processes.
- Intelligent fault diagnosis and fault-tolerant control techniques for safety-critical systems.
- Real-time implementation and industrial applications.

Guest Editors

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Deadline for manuscript submissions

closed (20 February 2024)



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Editor-in-Chief

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