



Advanced Intelligent Control Theory and Applications in Industrial Electronic Systems

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Deadline for manuscript submissions:

15 February 2025

Message from the Guest Editors

This Special Issue provides a platform for researchers and practitioners to present the latest theoretical and technological advancements in industrial control systems, aiming to improve productivity, quality, and safety at low costs across a variety of industries. Application areas include robotics, new energy systems, and other related industry applications.

The topics of this Special Issue include the following:

- Control theories, design, and implementation for industrial systems.
- Adaptive control, optimal control, robust control, and intelligent control for industrial systems.
- Sliding mode control, backstepping control, model predictive control, etc.
- Neural network control, fuzzy control, reinforcement learning control, etc.
- Application of data-driven and digital twin technologies in industrial systems.
- Applications to robotic systems, manipulators, new energy systems, autonomous systems, etc.





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Message from the Editor-in-Chief

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