Applications of Artificial Intelligence Technologies in Energy, Manufacturing and Automatic Control Processes

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Message from the Guest Editors

This Special Issue "Applications of Artificial Intelligence Technologies in Energy, Manufacturing and Automatic Control Processes" focuses on showcasing cutting-edge research where AI technologies are applied to optimize energy systems, revolutionize manufacturing processes, and refine automatic control mechanisms. Contributions to this Special Issue will highlight how AI not only improves operational efficiencies but also drives the evolution of these crucial sectors toward a more innovative and sustainable future.

The topics covered may include, but are not limited to, the following:

- AI for condition monitoring;
- AI for fault diagnosis;
- AI for decision support;
- AI for risk prediction;
- AI for process management.

Special Issue

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Message from the Editor-in-Chief

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