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Intelligent Industrial Process Control Systems: 2nd Edition

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Message from the Guest Editor

The widespread realization of Industry 4.0 forces continuous progress in all its embedded technologies. Intelligent manufacturing systems are modern systems of manufacturing that integrate the abilities of humans, machines and processes to achieve the best possible outcome. In this context, control processes directly influence the behavior of industrial systems. They are supposed to operate in a safe, reliable and precise way. In order to do that, several modern technologies are combined together in an integrated design involving artificial intelligence.

This Special Issue is dedicated to interdisciplinary research in the area of intelligent industrial process control systems. It calls for cutting-edge contributions to fundamental theoretical research, as well as application-based research. This Special Issue covers, but is not limited to, the following topics:

- Artificial intelligence for industrial applications;
- Computational intelligence in control;
- Cyber-security of industrial control systems;
- Digital manufacturing;
- Flexible manufacturing systems;
- Industrial control systems;
- Industry 4.0;
- Intelligent control;
- Intelligent industrial processes;
- ...



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Special Issue



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Message from the Editor-in-Chief

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