

## Special Issue

# Role of Intelligent Control Systems in Industry 5.0

### Message from the Guest Editors

Coming from a more holistic perspective, Industry 5.0 recognizes the industry's power to fulfill societal needs beyond employment and growth, and therefore aims to provide resilient prosperity by making production respect the limitations of our environment and employee capacity. The study of existing tools in Industry 4.0, along with the exploration of new tools in today's world, are all technologies that will help define the scope and enable the advent of Industry 5.0. The concept of Industry 5.0 remains a novel topic that is yet to be clearly defined; nevertheless, intelligent control systems play an important role, especially when combined with the state-of-the-art artificial and linguistic intelligence. This Special Issue seeks high-quality studies on the latest studies on the design and optimization of intelligent control systems, with topics including but not limited to:

- Human-machine interaction;
- Digitalization (augmented, virtual, and mixed technology);
- Speech recognition;
- Collaborative robots;
- Cyber security;
- Big data and analytics;
- Internet Of Things;
- Smart grids.

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### Guest Editors

Dr. Scarlett Chen

Dr. Zhe Wu

Dr. Youzhi Liang

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### Deadline for manuscript submissions

closed (15 October 2024)



## Processes

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