

## Special Issue

# Applications of Intelligent Control Methods in Mechatronic Systems

### Message from the Guest Editor

Many modern systems and products are designed and constructed by using mechatronic systems. To ensure stability and efficiency for mechatronic systems in diverse applications under adverse conditions, strong research activity is ongoing to design efficient controllers. Among the various control strategies, intelligent control (IC) methods with artificial intelligence have been widely studied and developed for mechatronic systems in terms of direct control, parameter optimization, system identification, uncertainty estimation, and compensation. With the help of IC methods, it is possible to achieve better accuracy, robustness, reliability, and implementation simplicity. This Special Issue will consider high-quality research and review papers that deal with theoretical and application aspects of IC methods in mechatronic systems.

This special issue aims to gather topics including, but not limited to:

- Mechanical and mechatronic systems;
- Robotics and automation systems;
- Industry and manufacturing applications;
- Others

Welcome to contribute.

website: [https://www.mdpi.com/journal/applsci/special\\_issues/Intelligent\\_Control\\_Mechatronic\\_Systems](https://www.mdpi.com/journal/applsci/special_issues/Intelligent_Control_Mechatronic_Systems)

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### Guest Editor

Prof. Dr. Syuan-Yi Chen

Department of Electrical Engineering, National Taiwan Normal University, Taipei, Taiwan

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### Deadline for manuscript submissions

closed (31 December 2020)



## Applied Sciences

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*Applied Sciences*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[applsci@mdpi.com](mailto:applsci@mdpi.com)

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### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,  
20133 Milano, Italy

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