

## Special Issue

# Advances in Industrial Robotics and Control Systems

### Message from the Guest Editors

Papers in this Special Issue may cover the following topics:

- Kinematics, dynamics of manipulator robots;
- Robot construction;
- Humanoid robots;
- Biped robots;
- Intelligent mobile robots;
- Mobile robotics;
- Artificial vision;
- Drone navigation systems;
- Manufacturing systems;
- Neural networks;
- Data storage and data processing;
- Use of synthetic data;
- Smart warehouses;
- Industry 4.0 and 5.0;
- Model-based or evolutionary adaptive control of robotic systems;
- Neural network or fuzzy control of robotic systems;
- Intelligent or feedback control of robotic systems;
- Feedback or geometric control of robotic systems;
- Sliding mode or robust control of robotic systems;
- Structure at infinity or structure control of robotic systems;
- Observer-based or active rejection-based control of robotic systems;
- Optimal control or optimization of robotic systems.

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### Guest Editors

Prof. Dr. Ricardo Balcazar

Dr. Genaro Ochoa

Dr. Jaime Pacheco Martínez

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### Deadline for manuscript submissions

30 August 2026



## Applied Sciences

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## About the Journal

### 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

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