

## Special Issue

# Machine-Learning Techniques for Robotics

### Message from the Guest Editors

Robots are common in manufacturing and in other fields, such as medicine and education, where they operate directly alongside humans in the various processes involved. The rise of collaborative robotics has opened up new possibilities for societies and industry. Artificial intelligence and its subset, machine learning, can power robots to complete substantial activities.

As a result, further development in machine learning for robotics is becoming more important than ever before. Therefore, this Special Issue will bring together papers which particularly describe recent advances in artificial intelligence, machine learning, and deep learning, with an emphasis on robotics in manufacturing and healthcare. Papers that include practical experimental results are particularly encouraged. **Keywords:** Artificial intelligence in robotics; Machine learning in robotics; Deep learning and robotic; Fault detection and machine learning; Quality and reliability with machine learning; Smart robots; Big data for robotics; Virtual reality for robotic platform; Automation; Learning machine algorithms; Learning machine and robotic scheduling

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### Guest Editors

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### Deadline for manuscript submissions

closed (10 December 2021)



## 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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