Special Issue

Advances in Intelligent Perception and Control: From Pattern Recognition to Multi-Robot Systems

Message from the Guest Editor

The ability to sense the environment is essential for today's intelligent robots. By acquiring information about the environment using sensors, otherwise known as robotic perception, intelligent robots can make corresponding interactions with the environment. This process involves robust robot control, which in turn requires a high level of perception, making intelligent perception and control highly relevant and interactive. This Special Issue will be dedicated to new ideas and excellent works in the broad field of robotic perception and control as well as their practical applications. This Special Issue will publish high-quality, original research papers including, but not limited to, the following topics:

- Robotic sensing;
- Robot perception;
- Robot control;
- Applied machine learning for robotic systems;
- Swarm robots;
- Pattern recognition;
- Multi-robot system.

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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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