

Special Issue

Trends and Challenges in Robotic Applications

Message from the Guest Editors

The purpose of this Special Issue is to show the current state of robotic applications. In particular, in addition to introducing new theories and methods, this Special Issue is particularly focused on the use of robotic systems in real-life situations. Thus, the presentation of experimental results makes evident the feasibility and usefulness of robotic systems in practical cases. Obviously, this Special Issue does not intend to exhaustively show all the current existing robotic applications but rather give an overview of them, showing the high level of activity in this area. Potential topics include but are not limited to the following: human–robot collaboration and interaction; robot manipulation and manufacturing; robot control and planning; SLAM and robot navigation; robot learning and artificial intelligence; social and service robotics; bio-inspired robotics and soft robotics; multi-robot systems; rescue robotics and swarm robotics; micro and nano robotics; etc.

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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.

Editor-in-Chief

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