Special Issue

Optimal Robot Motion Planning

Message from the Guest Editors

Dear colleague, This Special Issue fits within the scope of Robotics and aims to present and discuss major research challenges, latest developments, and recent advances in optimal motion planning for robots (such as unmanned underwater or surface vehicles, unmanned ground and aerial vehicles, autonomous vehicles, manipulators, etc.) which are requested to operate in a real world environment.

- robot motion planning
- unmanned vehicles
- industrial robots
- microparts motion planning
- evolutionary algorithms
- machine learning methods
- reinforcement learning
- computational geometry

Guest Editors

Prof. Dr. Nikolaos Aspragathos

Dr. Vassilis C. Moulianitis

Dr. Elias K. Xidias

Deadline for manuscript submissions

closed (31 May 2021)

Robotics

About the Journal

Message from the Editor-in-Chief

It is my great pleasure to welcome you to our open access journal, *Robotics*, which is dedicated to both the foundations of artificial intelligence, bio-mechanics and mechatronics, and the real-world applications of robotic perception, cognition and actions. The 21st century is the robotics century and intelligent robots will change our lifestyle forever. Let us work together toward the realization of intelligent robots step by step.
It is great fun to create intelligent robots and imagine their practical applications. *Robotics* is now ready to serve you in the long journey towards such a goal.

Editor-in-Chief

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