



## Sensor-Based Navigation and Control with Applications

Guest Editor:

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Deadline for manuscript  
submissions:

**closed (31 March 2021)**

### Message from the Guest Editor

This Special Issue focuses on the navigation and control of autonomous robots moving in an unknown environment with unexpected obstacles. Mobile robots that can operate in a wide variety of scenarios with complex conditions are required, where the mobility is the key point to increase the degree of autonomy. This leads to the development of specific navigation systems that accommodate the requirements of each application.

This Special Issue solicits high-quality contributions with consolidated and evaluated research related to sensor-based navigation and control systems. We invite the scientific community to provide theoretical and applied results in this promising investigation area.

Topics of interest include but are not limited to the following:

- Mobile robots
- Navigation control
- Obstacle avoidance
- Autonomous vehicles
- Robotized vehicles
- Global navigation
- Remote control
- Fault diagnosis
- Robot sensing systems

Welcome to contribute.





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## Editor-in-Chief

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## Message from the Editor-in-Chief

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