

Special Issue

Sensors for Navigation and Control Systems

Message from the Guest Editor

The aim of this Special Issue to highlight the most recent research regarding to sensors for navigation and control systems. This Special Issue focuses on the most recent innovations, trends, and concerns as well as practical challenges encountered and solutions adopted in the fields of sensors for navigation and control systems. Research articles and reviews are solicited that provide a comprehensive insight into the sensor technologies for navigation and control systems on any aspect of novel sensor development and applications. Topics of interest include but are not limited to the following:

- control sensors and advanced applications
- navigation and positioning
- sensor technology in applications of control engineering
- accelerometers, inclinometers and gyroscopes
- multi sensor fusion technology
- smart and intelligent sensors
- sensor interfacing and signal conditioning
- sensor calibration
- data fusion and deep learning in sensor systems
- localization and object tracking
- path planning
- motion planning
- adaptive guidance and control
- vision-based navigation
- fault tolerant control

Guest Editor

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Deadline for manuscript submissions

closed (20 November 2023)



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About the Journal

Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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