

## Special Issue

# Advanced Sensing and Control for Mobile Robotic Systems

### Message from the Guest Editors

Recent technological developments have led to the widespread use of mobile robot systems, in a large scope of applications in transportation, manufacturing, self-driving automobile, commercial and domestic services, surveillance and medical care, providing an emerging market with great potential. While existing technologies are developing rapidly, great challenges and issues in mobile robotic systems research still lie in the following areas: 1) mobility, 2) robust control of actuators, 3) navigation and mapping, 4) robust perception and 5) human-robot interaction. These may involve more technical aspects of sensor fusion, navigation, feature extraction, collision avoidance and so forth. To address these challenges, more advanced technologies in sensing and actuation are essential. This special issue intends to provide a platform to gather the recent development of mobile robot systems and the associated research. We welcome state-of-the-art research papers on mobile robotic systems. Link: <https://www.mdpi.com/si/41393>

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### Guest Editors

Prof. Dr. Charlie Yang

Dr. Ning Wang

Dr. Hang Su

Dr. Yan Wu

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### Deadline for manuscript submissions

closed (16 March 2021)



## Sensors

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### 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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