

## Special Issue

# Integrated Control and Sensing Technology for Electric Vehicles

### Message from the Guest Editors

Electric vehicles (EVs) are an emerging technology that has a positive influence on ecology and the environment around the world through the automobile industry. It is expected that more vehicles will be electrified in the coming years. Vehicle control systems are control commands directed to vehicle actuators/sensors that control steering, throttle, and braking, as well as other related commands to support a safe transition between manual and automatic vehicle control. Additionally, the integrated control for electric vehicles, which performs the vehicle dynamic control and electric powertrain control cooperatively. This Special Issue aims to provide a unique platform to publish state-of-the-art integrated control frameworks and strategies for electric vehicles. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but not limited to) the following:

- electric vehicles (EVs)
- integrated vehicle control
- sensor fusion
- vehicle sensors/actuators
- energy management optimization
- vehicle dynamic control
- electric powertrain control

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### Guest Editors

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Dr. Jingjing Jiang

Dr. Ricardo De Castro

Dr. Ji Li

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### Deadline for manuscript submissions

closed (31 October 2024)



## Sensors

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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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### Editor-in-Chief

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