Special Issue

The Intelligent Sensing Technology of Transportation System

Message from the Guest Editors

Due to the prevalence of artificial intelligence in recent years, new technologies have been continuously developed in transportation. Many intelligent sensing technologies are being used to improve the safety and stability of transportation systems. It is very exhilarating to see safer and more convenient transportation technologies being revolutionized to enhance the well-being of human society. Therefore, this Special Issue aims to collect valuable and innovative sensing technologies from original research and review articles on transportation systems. The following fields are included:

- Intelligent sensing technology of automated vehicles, advanced driver-assistance systems (ADAS), in-vehicle environments, and traffic scenes;
- Object identification, tracking, prediction, and navigation technology for transportation systems;
- Image, LiDAR, radar, etc.; signal processing algorithms for transportation systems;
- Multi-sensor fusion technology for transportation systems;
- Safety evaluation of automated driving systems;
- Dynamic urban traffic scene understanding;
- Analyzing the behaviors of on-road pedestrians;
- In-vehicle driver status evaluation.

Guest Editors

Dr. I-Hsi Kao

Dr. Yi-Horng Lai

Prof. Dr. Jau-Woei Perng

Prof. Dr. Ching-Yao Chan

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Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sensors@mdpi.com

mdpi.com/journal/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.

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro
Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

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