Special Issue

Video Surveillance System for Environmental Mobile Sensing

Message from the Guest Editor

Object recognition and tracking is becoming more popular due to ongoing applications in the public sectors. One of the most common and cost-effective methods for object tracking is the use of homogenous and heterogeneous multi-sensor systems. Sensor-based object tracking can be used to monitor people and traffic movement in apartments, buildings, or even entire cities, in addition to autonomous vehicles (self-driving cars and robots) and individuals (motion capture, wearable sensors). These sensors could be vision-based, inertial measurement units (IMUs), LIDARs, or a variety of others, depending on the application.

- Inertial measurement units (IMUs)
- Motion capture
- Autonomous vehicles
- Simultaneous localization and mapping (SLAM)
- Computer vision
- Wearable sensors

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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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