

## Special Issue

# Road Vehicles Surroundings Supervision: On-Board Sensors and Communications

### Message from the Guest Editor

The aim of this Special Issue is to bring together innovative developments related to the use of technologies in road vehicles to obtain information about vehicle surroundings, mainly for vehicle surroundings supervision and reconstruction, including, but not limited to:

- Laser scanner for automotive uses
- Computer vision for automotive uses
- Vehicle surroundings supervision
- Vehicle surroundings reconstruction
- Obstacles detection
- Trajectory estimation
- Data fusion
- Visual SLAM
- Driver assistance systems
- Autonomous driving
- V2X communications
- Connected vehicles
- Cooperative driving

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### Guest Editor

Dr. Felipe Jiménez

Instituto Universitario de Investigación del Automóvil (INSIA),  
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### Deadline for manuscript submissions

closed (10 February 2018)



## Applied Sciences

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CiteScore 5.5



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## About the Journal

### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
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