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## Environment Perception for Industrial Robotics, Connected and Autonomous Vehicles and Beyond

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Deadline for manuscript  
submissions:

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### Message from the Guest Editor

Dear Colleagues,

This Special Issue encourages authors from both academia and industry to submit new research results regarding technological innovations and novel ideas for environmental perception, considering both hardware and software, with a special interest in artificial intelligence and advanced sensors and sensing systems. This Special Issue welcomes submission regarding, but not limited to, the following topics:

- Autonomous vehicle contexts;
- Efficient ML (deep learning, reinforcement learning, etc.)-based CAV computation and architecture;
- Environmental perception;
- Object detection;
- Occupancy grids;
- Point cloud;
- Bird view;
- Deep learning;
- Datasets for environment perception ;
- Embedded environmental perception;
- Advanced sensors for environmental perception;
- Perception systems and devices.

**Dr. Suzanne Lesecq**

***Guest Editor***



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# Special Issue



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