Trends in Embodied-Intelligence Unmanned Vehicle Technology and Applications of Intelligent Transport Systems

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Message from the Guest Editors

We welcome manuscripts from all areas of vehicle technology and intelligent transport systems that may be of interest to international readers. To improve the quality and visibility of the journal, we encourage the submission of well-designed studies and high-quality datasets. Original research articles and comprehensive review papers are also welcome.

Potential topics include, but are not limited to, the following:

- Autonomous driving, intelligent driving, and unmanned driving;
- Embodied intelligence;
- Perception, cognition, and behavior;
- SLAM(simultaneous localization and mapping);
- LiDAR(light detection and ranging), millimeter wave radar, RGB and RGB-D cameras, and multi-spectral optical sensors;
- Interactive perception;
- Decision making with learning ability;
- Bio-inspired visual perception;
- Multi-sensor and multi-source information fusion;
- Brain-inspired intelligence, and end-to-end deep learning neural network;
- Disturbance observer, and disturbance self-rejection control;
- Hybrid cooperative control of manned and unmanned vehicles.

Special Issue

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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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