Special Issue

Advanced AI Techniques for Trustworthy and Practical Unmanned Vehicles

Message from the Guest Editors

For this special issue, we aim to bring together experts and scholars from fields such as autonomous driving, practical machine learning, and trustworthy machine learning to explore the latest advances and future directions in intelligent technologies for autonomous vehicles. We invite submissions on any aspect of autonomous driving, efficient machine learning, and trustworthy machine learning. We welcome research contributions related to the following (but not limited to) topics:

- Adversarial learning (attacks, defenses in computer vision or speech);
- Continual Learning;
- Large-scale Models for Autonomous Driving;
- LLM Jailbreaking;
- Lightweight Large-scale Models;
- World Model-Driven Autonomous Driving Decision-Making;
- Data Theft and Privacy Protection;
- Explainable and practical AI;
- Autonomous Driving Safety Assessment.

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Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guestedited by leading experts in selected topics of interest.

Editor-in-Chief

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