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AI-Based Autonomous Driving System

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Message from the Guest Editors

The aim of this Special Issue is to introduce the latest technology of AI-based autonomous driver systems. The autonomous driver systems considered in this issue include cars, drones, underwater unmanned vehicles, and robots.

While this Special Issue invites topics broadly across the AI technologies for autonomous vehicles, V2X technologies, and emerging technologies for autonomous vehicles, some specific topics include, but are not limited to:

- Deep learning technologies for autonomous vehicles
- Multi-modal learning for autonomous vehicles
- Vehicular communication and network systems
- Autonomous vehicle interaction
- Security for autonomous vehicle
- Monitoring and control in autonomous vehicles
- Advanced driver assistance systems (ADAS)
- Advanced sensor systems for autonomous vehicles
- Navigation, localization, map building and path planning
- Hardware that is specific to AI-based autonomous vehicles

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Message from the Editor-in-Chief

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