Special Issue

AI-Based Autonomous Driving System

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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Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

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 guest-edited by leading experts in selected topics of interest.

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