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Applications of AI and Blockchain for Autonomous Driving in Safe and Sustainable Transport Systems

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Message from the Guest Editors

Cutting-edge artificial intelligence and blockchain technologies have the potential to reform transport systems' safety, efficiency, and sustainability. AI-powered solutions enable autonomous vehicles to navigate complex environments, analyze real-time data, make intelligent decisions, and respond to potential hazards. Blockchain technologies offer decentralized and secure platforms for data sharing and management, fostering trust and cooperation among various stakeholders in the transportation ecosystem. Both AI and blockchains can play critical roles in improving the overall sustainability of transport systems by optimizing energy usage and reducing waste. Key applications of AI and blockchain in transportation include: *Data Sharing and Security; V2X Communication; Fleet Management; Supply Chain Management*; *Environmental Sustainability*; *Traffic Optimization*; *Ride-Sharing and MaaS*.

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Message from the Editor-in-Chief

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