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Autonomous Electric Vehicles Combined with Non-connected Vehicles in Smart Cities

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Message from the Guest Editors

With the rapid advancements in autonomous and electric vehicle technologies, the transportation landscape in urban areas is witnessing a significant transformation. They offer promising solutions for sustainable urban transportation. Smart cities, with their integrated infrastructure and data-driven capabilities, present an ideal environment to address the challenges of managing urban mobility efficiently and opportunities for dynamic traffic management. Real-time data from various sources can be utilized to optimize traffic flow, manage signals, and improve overall transportation efficiency. Leveraging smart city infrastructures can alleviate congestion, enhance mobility, and reduce pollution. Effective traffic management policies are essential for the successful integration of autonomous and non-connected vehicles. Indeed, while autonomous vehicles hold promise for the future, there will be a transitional period with both connected and non-connected vehicles on the roads. Ensuring safe interactions between these vehicle types is vital. These policies can address safety concerns, optimize traffic patterns, and enhance the livability of urban spaces.





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Message from the Editor-in-Chief

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