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

Guest Editors:

Dr. Manuela Montangero

Dipartimento di Scienze Fisiche,
Informatiche e Matematiche,
Università di Modena and Reggio
Emilia, 41125 Modena, Italy

Dr. Gianluca De Marco

Dipartimento di Informatica,
Università di Salerno, 84084
Fisciano, SA, Italy

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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 transformations. 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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Editor-in-Chief

Prof. Dr. Joeri Van Mierlo

MOBI—Electromobility Research
Centre, Department of Electrical
Engineering and Energy
Technology, Faculty of
Engineering Sciences, Vrije
Universiteit Brussel, 1050 Brussel,
Belgium

Message from the Editor-in-Chief

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Contact Us

World Electric Vehicle Journal
Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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