

Special Issue

Advanced Storage Systems for Electric Mobility

Message from the Guest Editor

Electrified vehicles (EVs) are rapidly becoming a part of the modern air, road, and water transportation system, but their diffusion in the market is still negatively affected by technical, environmental, and economic issues, especially in the case of battery electric vehicles (BEVs) and fuel cell systems.

This Special Issue aims to be an open platform to share knowledge about advanced storage systems for BEVs and FCVs. It particularly seeks review papers and original contributions describing either experimental or numerical investigations, with emphasis on the expected advantages in terms of range, cost, and environmental issues with a life-cycle assessment (LCA) approach (i.e., “from start to finish” of the storage systems) in all field of transportation.

Guest Editor

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Deadline for manuscript submissions

closed (31 October 2023)



Vehicles

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About the Journal

Message from the Editor-in-Chief

In response to economic, political, and environmental pressures, the automotive vehicle community is expanding its research, development, and production of more energysaving, environmentally friendly, and safer ground vehicles through vehicle electrification, powertrain hybridization, high-efficiency drivetrain, autonomous or automated driving, vehicle connectivity, and infrastructure.

Vehicles is a new open access and peer-reviewed international journal that will facilitate rapid publication of scholarly articles on studies related to ground vehicles. Its mission is to publish cutting edge articles, conference proceedings, and to organize Special Issues which highlight outstanding research on specific topics regarding all landbased vehicles with regards to the design, modeling and simulation, manufacture, testing, and operation and modification of those vehicles and their engineering systems.

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Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 21.4 days after submission; acceptance to publication is undertaken in 3.4 days (median values for papers published in this journal in the second half of 2025).