

Special Issue

Advancements and Future Trends in Vehicle Electrification and Intelligent Control Systems

Message from the Guest Editors

The rapid evolution of vehicle electrification and intelligent control systems is reshaping the future of transportation. This Special Issue aims to present cutting-edge research and emerging trends in electric powertrains, energy management strategies, and AI-driven control mechanisms that enhance vehicle performance, efficiency, and safety. Topics of interest include, but are not limited to, battery technologies, charging infrastructure, hybrid energy systems, autonomous vehicle control, advanced driver assistance systems, and the integration of artificial intelligence in vehicular decision-making processes. We invite researchers, industry professionals, and practitioners to contribute their latest findings and insights—whether theoretical advancements, experimental studies, or real-world applications—to help shape the future of mobility. We look forward to receiving your valuable submissions and sharing innovative ideas with the global research community.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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