



Design and Manufacture of Electric Vehicles

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Message from the Guest Editor

Dear Colleagues,

This Special Issue, entitled "Design and Manufacture of Electric Vehicles", aims to explore the cutting-edge advancements in the field of electric mobility. As the automotive industry transitions towards sustainable solutions, electric vehicles (EVs) have emerged as a pivotal technology. This Issue will delve into the intricate process of designing and producing EVs, covering various aspects from innovative materials and manufacturing techniques to streamlined production lines and the integration of advanced technologies. Topics of interest for this Special Issue include, but are not limited to, the following aspects:

- Battery technology;
- Chassis and structural design;
- Powertrain and propulsion systems;
- Manufacturing processes and automation;
- Intelligent charging systems;
- AC-DC converters.

It is hoped that this Special Issue can provide a comprehensive overview of the challenges and breakthroughs in designing and manufacturing electric vehicles. The aim is to foster innovation and promote sustainable practices in the electric mobility sector by bringing together leading researchers and industry experts.





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Message from the Editor-in-Chief

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