

Special Issue

Design and Manufacture of Electric Vehicles

Message from the Guest Editor

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.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Designs (ISSN 2411-9660) is a peer-reviewed and open access journal which provides a unifying research framework for a wide range of engineering designs of disciplines and industrial applications, including mechanical engineering, electrical engineering, civil engineering, mechatronics, aerospace engineering, bioengineering, energy engineering, industrial engineering and manufacturing systems are of interest. We would like to invite you to contribute to the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

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