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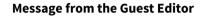
Improving Sustainability: Energy Management in Electrical Transportation

Guest Editor:

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Deadline for manuscript submissions: **31 July 2024**



EVs are increasingly popular environmentally-friendly vehicles, yet their widespread adoption poses challenges in energy management. This Special Issue provides a platform for researchers, engineers, and practitioners to share insights on battery management, charging infrastructure, energy efficiency, renewable energy integration, and the EV ecosystem.

Key Themes:

- Battery Management Systems (BMS): Advanced techniques optimizing battery health, lifespan, and EV performance.
- Charging Infrastructure: Developments in fastcharging, wireless charging, and smart grid integration for convenient and eco-friendly EV charging.
- Energy Efficiency: Strategies to enhance EV energy efficiency through regenerative braking and powertrain design.
- Renewable Energy Integration: Innovative approaches to integrating solar, wind, and other renewable energy into the EV ecosystem.
- Electric Mobility Ecosystem: Discussions on V2G technology, energy storage solutions, and EV adoption's impact on the grid.

Original research articles, reviews, and case studies are invited to contribute to shaping a sustainable future in electrical transportation.



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Editor-in-Chief

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