



Sustainable Transportation: Electrical Design Automation and Vehicle Navigation

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Message from the Guest Editors

As the world seeks sustainable solutions to address the developing challenges of urban congestion and environmental degradation, the transportation sector emerges as a focal point of innovation and research. Embracing the principles of sustainability, we are witnessing the birth of electric vehicles (EVs) that promise a future with lower emissions and greater energy efficiency.

However, the real potential lies in integrating electrical design automation and advanced vehicle navigation into these systems, ensuring a smarter, more efficient, and truly sustainable mode of transportation. By integrating electrical design automation with vehicle navigation, we hope to pave the way for a future where transportation is not only sustainable but also smarter and more efficient.

In this Special Issue, original research articles and reviews include (but are not limited to) the following are welcome:

- Electrical Design Automation in EVs;
- Enhance the energy efficiency and driving range of electric vehicles;
- Advanced Vehicle Navigation Systems;
- Methodologies for integrating real-time navigation systems with electric drivetrains;
- Communication Protocols and Systems.





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Message from the Editor-in-Chief

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