



## Advances in Railway Electrification

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### Message from the Guest Editors

The scope of this special issue is to provide an overview of the technological challenges in the development of efficient electric trains, implementing new power systems and innovative infrastructure to support the development of solutions to meet net zero emission targets.

This Special Issue aims to explore the design of innovative infrastructure for the cost effective electrification of railway lines, conventional and innovative testing procedures for components of infrastructure, the structural performance of conventional and innovative materials for railway application, the design of innovative locomotives for zero/low-carbon emission, the design and testing of energy storage devices and their structural assessment under service conditions, innovative solution to reduce emission of diesel engines for heavy duty applications, advanced powertrains for mobility and power generation applications, and advanced battery management systems.





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## Message from the Editor-in-Chief

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