

Special Issue

Current Collection Quality Solutions in Electric Trains

Message from the Guest Editors

With the expansion of rail transit around the world, the study of the current collection quality of electric trains has attracted ever-increasing attention from both the academic and industrial communities. Indeed, it is essential that we enable the faster and more reliable operation of electric trains, contribute to minimising incidents that cause traffic disruptions and reduce the maintenance costs of the rolling stock and infrastructure. In this context, we are pleased to announce this Special, entitled “Current Collection Quality Solution in Electric Trains”. Possible topics include, but are not limited to, the following:

- pantograph–catenary interaction;
- vehicle–grid system;
- current collection quality;
- maintenance of current collection system;
- design and optimisation of the current collection system;
- third shoe rail system;
- contactless power supply in rail transit.

Guest Editors

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Deadline for manuscript submissions

closed (31 January 2024)



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Editor-in-Chief

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