



Vehicle-Track Interaction and Railway Dynamics

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Message from the Guest Editor

Railways have always played a significant role in the development of societal wealth creation capabilities. With the continuous improvement of railway train speed and the rapid development of high-speed and heavy-duty railways, the dynamic interaction between locomotives and track structures is increasingly strengthened, leading to more serious and complex dynamic and vibration problems. The higher the running speed of the train is, the more prominent the issues of safety and running the stability of locomotive and vehicle operation on the railway are. Railways have been in a high-load-transportation state for a long time, leading to more prominent vehicle/track interaction problems. This Special Issue is launched in order to showcase the cutting-edge research on the dynamic interaction between railway vehicles and track, and to discuss the difficulties and issues faced in the development of railway dynamics.





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Message from the Editor-in-Chief

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