



## Interactions between Railway Subsystems, Volume II

Guest Editor:

### Prof. Dr. Seung-Yup Jang

Department of Transportation  
System Engineering, Graduate  
School of Transportation, Korea  
National University of  
Transportation, 157, Cheoldo-  
bangmulgwan-ro, Uiwang 16106,  
Gyeonggi-do, Republic of Korea

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### Message from the Guest Editor

At present, the proportion of railway systems in public transportation is increasing under the global goal of greenhouse gas reduction. In this respect, building a highly efficient railway system is a very important task for us. The railway system consists of several subsystems, such as vehicles, engineering structures, power supply systems, and signal and communication systems. The interactions between these subsystems have very significant effects on the performance and efficiency of the entire railway system. The subsystem interactions, e.g., wheel–rail contact, vehicle–track–substructure dynamic interaction, track–bridge interaction, pantograph–catenary contact, and track–signaling system interface, include a wide variety of complex static and dynamic problems, and many challenges have arisen, and meaningful developments have been made in recent decades. However, there are still several remaining important issues. Thus, I would like to propose this Special Issue including but not limited to the abovementioned themes. New unknown problems in recent or future railway systems are also welcomed.





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## Editor-in-Chief

**Prof. Dr. Giulio Nicola Cerullo**  
Dipartimento di Fisica,  
Politecnico di Milano, Piazza L.  
da Vinci 32, 20133 Milano, Italy

## Message from the Editor-in-Chief

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*Applied Sciences* Editorial Office  
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