

## Special Issue

# Technological Development, Applications, and Sustainability of Maglev Transportation Systems

### Message from the Guest Editors

In an evolutionary framework aimed at introducing increasingly efficient and sustainable modes of transport, the main objective of this Special Issue is to examine and compare studies, tests, and applications surrounding maglev transport in terms of technological innovation, performance, energy, environmental impact, management, and economic aspects. Such research might include the following: the design of maglev transportation systems; operational analysis of maglev transportation; dynamic characteristics and parameter matching of maglev vehicle–rail–bridge coupled systems; aerodynamics and body shape design of maglev trains; maglev traffic operation control technology; detection and maintenance of maglev tracks; development of novel maglev transportation; design and vibration control of maglev transport.

New concepts, studies, and future prospects for maglev-based transportation systems are also welcomed.

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### Guest Editors

Prof. Dr. Zigang Deng

Prof. Dr. Gino D'Ovidio

Prof. Dr. Johannes Kluehspies

Prof. Dr. Hiroyuki Ohsaki

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### Deadline for manuscript submissions

closed (20 April 2024)



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## Editor-in-Chief

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