

Special Issue

Levitation and Propulsion Technologies for Sub-sonic Ground Transportation (Hyperloop)

Message from the Guest Editors

The Hyperloop, which aims to accelerate to a sub-sonic velocity of 1200 km/h in near-vacuum tubes of 0.001 atm with magnetic levitation and propulsion systems, will be one of the most attractive candidates for the next-generation transportation. This Special Issue therefore seeks contributions for the sub-sonic levitation and propulsion agenda through technical innovation and enhancement. We also look forward to inviting papers on novel concept designs, technical developments, reviews, case studies, and analytical assessments. At the same time, this Special Issue is not limited to conventional electromagnetic levitation and propulsion approaches, but covers all the possible methods for Hyperloop (e.g., jet rockets, combustion engines, in-wheel motors, etc.).

Guest Editors

Dr. Suyong Choi

Dr. Jungyoul Lim

Dr. Jaeheon Choe

Deadline for manuscript submissions

closed (30 September 2022)



Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



mdpi.com/si/62438

Energies
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
energies@mdpi.com

[mdpi.com/journal/
energies](https://mdpi.com/journal/energies)





Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



[mdpi.com/journal/
energies](https://mdpi.com/journal/energies)



About the Journal

Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and Industrial Engineering, University
Niccolò Cusano, 00166 Roma, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, RePEc, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

CiteScore - Q1 (Control and Optimization)