Special Issue

Hyperloop and Associated Technologies

Message from the Guest Editor

The Hyperloop concept exploded in the public perception in 2015, after SpaceX inaugurated the eponymous design competition. The concept, which can be described succinctly as a sonic train that travels in an evacuated tube, was envisioned in a white paper written by Elon Musk in 2013. In the span of the few last years, since the first design competition that was held at the Texas A&M University in 2016, a number of academic institutions and industrial concerns proposed and constructed different Hyperloop designs, with the actual prototype implementation currently in its early stages. Contributions are solicited in this Special Issue of *Energies* on all topics relevant to the Hyperloop concept as well as its associated technologies. All aspects, from academic research to specific, narrow topics with relevance to the concept, to the design and trade-off studies that examine the broader issues of its implementation, are necessary before Hyperloop becomes the “fifth mode of transportation” in the future; the Special Issue should reflect the same synergy.

Guest Editor

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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.

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