Special Issue

Power Train Battery Electric Vehicles (BEVs) with Range Extenders

Message from the Guest Editors

Emissions from the transportation sector are significant contributors to climate change and health problems because of the common use of gasoline vehicles. Countries in the world are attempting to transition away from gasoline vehicles toward battery electric vehicles (BEVs), to reduce emissions. However, there are several practical limitations with BEVs, one of which is the "range anxiety" issue, due to the lack of charging infrastructure, the high cost of long-ranged BEVs, and the limited range of affordable BEVs. One potential solution to the range anxiety problem is the use of range extenders, to extend the driving range of EVs while optimizing the costs and performance of the vehicles. A variety of several configurations with power trains include primary battery energy storage systems (ESSs) and secondary range extenders.

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Message from the Editor-in-Chief

The *World Electric Vehicle Journal* is the official journal of the World Electric Vehicle Association (WEVA) and its members the European Association for Electromobility (AVERE), the Electric Drive Transportation Association (EDTA), and the Electric Vehicle Association of Asia Pacific (EVAAP). Since its foundation in 2007, the journal has aimed to provide a publishing platform for the academic and industrial world to share the latest developments and knowledge about electric vehicles. If you are developing Electric, Plug-in Hybrid, Hybrid Electric, or Fuel Cell Vehicles, we cordially invite you to consider us as the place for you to publish your latest results and innovations.

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