World Electric Vehicle Journal

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Power Train Battery Electric Vehicles (BEVs) with Range Extenders

Guest Editors:

Prof. Dr. Michael Fowler
Department of Chemical Engineering, University of Waterloo, Waterloo, ON N2L 3G1, Canada

Dr. Yi Xie
College of Mechanical and Vehicular Engineering, Chongqing University, Chongqing 400044, China

Dr. Satyam Panchal
Department of Mechanical and Mechatronics Engineering, University of Waterloo, Waterloo, ON, Canada

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Message from the Guest Editors

Dear Colleagues,

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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Editor-in-Chief

Prof. Dr. Joeri Van Mierlo
MOBI—Electromobility Research Centre, Department of Electrical Engineering and Energy Technology, Faculty of Engineering Sciences, Vrije Universiteit Brussel, 1050 Brussel, Belgium

Message from the Editor-in-Chief

The *World Electric Vehicle Journal* is the official journal of 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 aims 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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Contact Us

World Electric Vehicle Journal
Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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wevj@mdpi.com