

Special Issue

Battery Management Systems for Electric and Hybrid Vehicles Applications

Message from the Guest Editor

We are glad to extend a warm invitation to all colleagues who would like to submit their research papers to this Special Issue of *Electronics*, entitled “Battery Management Systems for Electric and Hybrid Vehicles Applications”. Electric and plug-in hybrid vehicles (PEVs) are considered to be a promising supporting technology for the long-awaited transition to more sustainable mobility systems, especially in urban areas. These kinds of vehicles have received great attention and popularity thanks to their potential for reducing environmental pollution and fossil fuel dependency. Recent developments in energy storage technologies are supporting the increasing spread in the market of a new generation of PEVs, characterized by attractive costs and extended electric ranges, which meet most practical needs of vehicle owners. Safe and reliable use of these new storage technologies involves the development of proper battery management systems (BMSs) for controlling both the electric and thermal behavior of the on-board battery packs.

Guest Editor

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Deadline for manuscript submissions

closed (31 July 2023)



Electronics

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About the Journal

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

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