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Lithium Batteries for Vehicular Applications

Guest Editor:

Prof. Dr. Giovanni Lutzemberger

Department of Energy, Systems, Territory and Constructions, University of Pisa, 56122 Pisa, Italy

Deadline for manuscript submissions: closed (31 December 2022)

Message from the Guest Editor

Lithium batteries in recent years have become a de-facto standard for installation on board electric and hybrid vehicles. However, manufacturers sometimes do not give all the needed information, and therefore it is not easy to select the proper lithium-based technology to be used. Additionally, batteries installed on board vehicles have a BMS (Battery Management System), which normally includes methods to correctly achieve battery SOC (State-Of-Charge) and SOH (State-Of-Health). Therefore, a numerical battery model with related algorithms is needed. This Special Issue seeks to address the lack of knowledge around these themes by inviting papers on experimental tests verification and design of algorithms specifically oriented to improve the use of batteries in vehicular applications.

Special Issue webpage: Lithium Batteries for Vehicular Applications









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Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and Aerospace Engineering, University of Roma Sapienza, Via Eudossiana 18, 00184 Roma, Italy

Message from the Editor-in-Chief

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