# **Special Issue**

# Batteries Safety and Thermal Management for Electric Vehicles

### Message from the Guest Editors

In this Special Issue, we aim to gather the latest research findings in the field of battery safety and thermal management for electric vehicles worldwide. Our goals are to explore key technical issues—such as battery thermal runaway mechanisms, thermal management system designs, material innovation, fault diagnosis and prevention-and to promote breakthroughs and applications of related technologies to provide valid support for the sustainable development of the electric vehicle industry. Topics of interest include the following: Battery thermal runaway mechanisms and prevention; Thermal management system and strategy design; Fault diagnosis and protection technologies; Artificial intelligence for the design of safe batteries; Battery state estimation and degradation management; Battery materials and technological innovations for safety; Thermal runaway simulations and experiments; Battery thermal simulations and experiments.

### **Guest Editors**

Dr. Yalun Li

School of Vehicle and Mobility, Tsinghua University, Beijing 100084, China

Dr. Yulong Zhang

College of Mechatronical & Electrical Engineering, Hebei Agricultural University, Baoding 071001, China

### Deadline for manuscript submissions

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Batteries
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
batteries@mdpi.com

mdpi.com/journal/batteries





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### Editor-in-Chief

Prof. Dr. Karim Zaghib

Department of Chemical and Materials Engineering, Concordia University, Montréal, QC H3G 1M8, Canada

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