

## Special Issue

# Thermal Management System for Lithium-Ion Batteries: 2nd Edition

### Message from the Guest Editors

Lithium-ion batteries (LIBs) have been widely used as power sources for both industry and daily life. This is mainly due to their salient features, such as high energy density, high power output, low self-discharge rate and little memory effect. Nonetheless, the performances of LIBs are highly dependent on the operating temperature. A higher temperature would cause accelerated battery degradation with shortened lifetime and even thermal runaway, and a lower temperature would cause reduced discharge capacity and rate, leading to mileage anxiety and sudden power failure. Research on the thermal and energy storage performances of LIBs is still limited in terms of thermal and safety design in demanding application scenarios.

This Special Issue, titled “Thermal Management System for Lithium-Ion Batteries: 2nd Edition”, aims to present and disseminate the most recent advances in the thermal management of LIBs under various application conditions.

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### Guest Editors

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### Deadline for manuscript submissions

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## Batteries

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