



Battery Management and State Estimation

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Message from the Guest Editor

Dear Colleagues,

Together with falling prices and technology improvements, battery systems and especially lithium-ion battery systems are gaining importance and market share in various applications. In parallel to the work aiming at battery technology improvements and cost reduction, there is currently a great deal of research in order to improve battery management system (BMS) and accuracy of battery state estimation. Therefore, this Special Issue is focused on recent progress and developments in battery management and state estimation.

Potential topics include, but are not limited to:

- New architectures and progress in battery management systems;
- New methods of SOC, SOH, SOF, RUL estimation;
- Battery diagnosis and prognostic methods;
- Lifetime estimation and modeling of battery degradation;
- Safety concerns;
- Optimal battery control and management;
- Battery thermal management;





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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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