Special Issue

Advanced Lithium-Ion Battery Management in Renewable Energy Systems: 2nd Edition

Message from the Guest Editors

The worldwide energy revolution is stimulating the rapid development of renewable power generation, such as solar photovoltaic power and wind power, and, due to the inevitable uncertainty and intermittency of these renewable energy systems, support by energy storage plays a key role in mitigating power fluctuation and improving the flexibility of electricity usage. Of all candidates for the energy storage role, various kinds of lithium-ion battery have dominated the market due to their superior performance. However, there is still a research gap in exploring the applications of different lithium-ion battery techniques in renewable energy systems, especially for sharing information from the battery cell level to the system level. By focusing on this issue, this Special Issue intends to cover novel findings, innovative methodologies, and potential breakthroughs in this field. We look forward to contributions of original research articles and review articles from both academia and industry for publication in this Special Issue.

Guest Editors

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Editor-in-Chief

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