



## Novel Battery Management Systems Using AI in Automotive Applications

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Deadline for manuscript  
submissions:

**closed (30 November 2022)**

### Message from the Guest Editors

The development of novel battery systems has gained increasing attention due to their fundamental role in fully electric, hybrid and plug-in hybrid electric vehicles. Nevertheless, battery performance and health are severely affected by application and environmental factors such as temperature, charge/discharge rates, etc.

The main aim of this Special Issue is to seek high-quality submissions that highlight emerging applications and address recent breakthroughs in the battery management systems using Artificial Intelligence for automotive applications. The topics of interest include, but are not limited to:

- battery management systems in automotive applications with Artificial Intelligence
- battery management systems for other applications with Artificial Intelligence
- state of charge estimation with Artificial Intelligence
- state of health estimation with Artificial Intelligence
- prognostic and diagnostic of automotive batteries with Artificial Intelligence
- application of Artificial Intelligence in novel battery management systems





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## Message from the Editor-in-Chief

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