



Batteries-Based Power Generation Systems in Transportation

Guest Editor:

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Deadline for manuscript submissions:

closed (31 October 2023)

Message from the Guest Editor

Dear Colleagues,

Electrification in transportation is fundamental for reducing the massive amount of carbon emissions caused by this sector. Consequently, at present, the involved industrial and academic players are forced to face challenging issues related to the transition toward sustainable transportation systems.

This Special Issue invites original research applications of batteries for powering light and heavy-duty vehicles, aircraft, ships, and construction equipment. Thus, the term "transportation" is used in a general way. Scientific papers should address issues related to active materials, numerical modeling, system integration, system and electrochemical device architectures (also considering hybrid power systems), thermal management, energy management, test protocols, diagnostic, and recharging infrastructures, particularly if these are based on renewable energy sources.

In summary, research papers related to this 'dynamic' application are highly recommended for offering a comprehensive view of the green transition's biggest challenges. Moreover, the Special Issue also accepts reviews and articles on the state of the art.





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Message from the Editor-in-Chief

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