



## Battery Manufacturing: Current Status, Challenges, and Opportunities

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### Message from the Guest Editor

Dear Colleagues,

There is a growing interest on battery manufacturing processes as more and more battery (giga)factories are to be built all over the world in the near future. Such a high battery manufacturing portfolio will definitely pave the way for electrification of future. A reliable, low-cost, best performant and secured value chain are envisioned in the battery manufacturing processes towards 2040 and beyond.

In this Special Issue, we are looking for contributions addressing the challenges with a particular focus on cell assembly & manufacturing methodologies with a chemistry-neutral approach. Latest advances on battery materials allowing to boost large-scale battery performance, scale-up cell manufacturing, smart manufacturing methodologies and/or novel battery machineries in lithium and post lithium systems are highly encouraged. Industry 4.0 tools during cell manufacturing such as 3D printing are also highly welcome.





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## Message from the Editor-in-Chief

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