



Advancements towards Practical All-Solid-State Batteries

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submissions:

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Message from the Guest Editor

Dear Colleagues,

To shed light on pathways to enable practical solid-state batteries, this Special Issue calls for advances in basic research and technological development of high energy, high power, and practical all-solid-state batteries (ASSBs). We aim to provide a platform for stakeholders, scientists, and engineers to share their research and exchange their ideas. Original research papers, reviews, perspectives, and communications are all welcomed.

Topics of interest in this Special Issue include but are not limited to:

- Evolution of anode–solid-state electrolyte interfaces (plating vs. stripping);
- Evolution of cathode–solid-state electrolyte interfaces;
- Mechanics of cathode materials and interfaces upon charging and discharging;
- Performance of ASSBs below room temperature;
- Rational design of solid electrolyte interphases interfaces (SEI) / cathode electrolyte interphases interfaces (CEI);
- Manufacturability of ASSBs;
- Sustainable processing methods of ASSBs.

Dr. Regina Garcia-Mendez
Guest Editor





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Message from the Editor-in-Chief

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