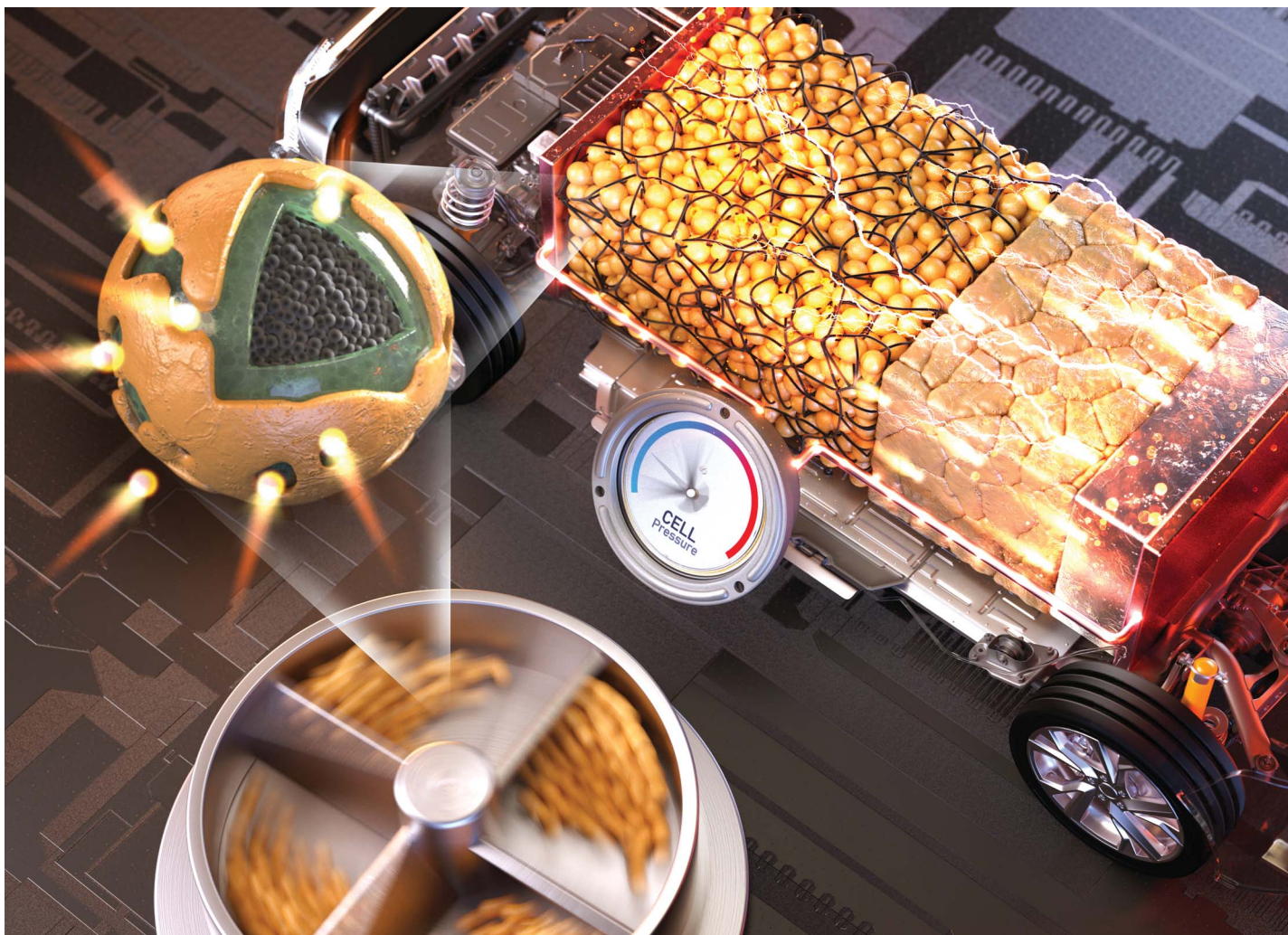




Showcasing the research led by Dr. Yoon-Cheol Ha at Next Generation Battery Research Center, Korea Electrotechnology Research Institute (KERI), Republic of Korea.

Unraveling electrochemo-mechanical aspects of core-shell composite cathode for sulfide based all-solid-state batteries

To optimize cathode active material (CAM) utilization, the electrochemical and mechanical properties of sulfide solid electrolyte (SSE) coatings on CAM particles were studied. The dense microstructure, offering improved ionic/electronic conduction pathway, resulted in enhanced reversible capacity and exceptional high-rate performance.

As featured in:



See Byung Gon Kim,
Yoon-Cheol Ha *et al.*,
J. Mater. Chem. A, 2024, 12, 24896.