Affordable Next-Generation Battery Chemistries: Are Our Validation Methods Keeping Up?

MODERATOR: Will McNamara, Sandia National Laboratories

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SUMMARY:

This session covers emerging battery chemistries, materials and architectures, with an emphasis on how safety validation is evolving alongside technology innovation. Research covered includes predictive safety analysis of diverse battery chemistries, material levels characterization, single cell abuse testing, and innovative modeling approaches.

IMPACT:

This session illustrates how national labs and industry are developing new approaches to battery testing and validation that are resulting in enhanced performance and safety across diverse battery types.

Poll Questions

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