Next generation batteries
Materials and Applications

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Abstract:
Energy storage is at the center of transformative technologies including electric transportation, wind and solar electricity, energy management for utilities and customers, replacement of gas peaker plants, and electric flight for air taxis, package delivery and short-haul passenger service. These emerging uses require next generation batteries custom designed for the application.

A survey of battery applications in the electricity grid, transportation and flight and the outlook for batteries that can fulfill them will be given.

This work is supported by the Joint Center for Energy Storage Research (JCESR), an Energy Innovation Hub funded by the Department of Energy, Office of Science, Basic Energy Sciences.

Mega-trends Shaping the Grid of the Future

Storage is central to all the mega-trends

February 24, 2020, Kavli Auditorium, refreshments start at 3:15 and colloquium at 3:30 pm