

The 131th GREEN Seminar



Lithium-O₂ batteries: Superoxide and Peroxide based systems

Chair: Dr. Shoichi MATSUDA (GREEN)

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Lithium-O₂ battery is a key beyond Li-ion technology suitable for high energy density applications. Unfortunately, significant challenges exist that limits its deployment, including high over potentials and low practical energy density. This talk will discuss the recent and past work done by our group to address these challenges with a focus on superoxide-based low overpotential systems and lean electrolyte peroxide-based lithium chemistries.

Venue: Auditorium, 1F, NanoGREEN/WPI-MANA Bldg.,
Namiki-site

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Language: English

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