

Faculty Name:

Lauren Marbella

Faculty Email:

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Lab:

Marbella Lab

Project Title:

Probing transition metal dissolution in spinel-type cathodes for Li batteries

Description:

The student will investigate the impact of different anodic stability on transition metal dissolution in $\text{LiNi}_{0.5}\text{Mn}_{1.5}\text{O}_4$ cathodes using operando electron paramagnetic resonance.

Location of Research:

On-Site

of hrs/week:

35

Department/Program:

Chemical Engineering

Eligibility:

BS, First Year, BS, Second Year

To apply, please contact:

Lauren Marbella, lem2221@columbia.edu