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**College on Multiscale Computational Modeling of
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Mesoscale Electrode Physics in Energy Storage

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Abstract:

This talk will primarily focus on the role of mesoscale interplay, with emphasis on transport-interface-microstructure complexations, in intercalation (lithium-ion) and conversion (lithium-sulfur) chemistry electrodes for energy storage. This is aimed at providing an overview of the different facets of computational modeling research activities in the group.