

INORGANIC CHEMISTRY SEMINAR



Professor Long Luo

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“Electrifying Inorganic and Organic Synthesis”

Abstract: Electrochemical synthesis is a powerful tool for formulating functional materials and molecules because it offers an additional level of control over the synthesis relative to its chemical counterpart by fine-tuning mass transfer, potential, or current. Electrochemical synthesis also allows the convenient analysis of chemical reaction thermodynamics and kinetics using the current signal generated during the electrochemical synthesis. In this talk, two recent advancements in electrochemical synthesis will be presented: (1) Electrochemical gelation of nanoparticles and (2) Alternating current electrolysis for organic synthesis.

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UCLA College | Physical Sciences
Chemistry & Biochemistry

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4:00 p.m. | ZOOM