

Colloquium Notice

Freddy Cisneros

University of Michigan

*Characterizing Nonequilibrium Processes Through
Timescales and Thermodynamics*

This presentation focuses on two primary objectives that examine distinct aspects of nonequilibrium behavior: identifying characteristic dissipative timescales in Markovian systems and evaluating the applicability of equilibrium thermodynamic potentials in active matter systems. Through these projects, I demonstrate how coarse-graining irreversible dynamics and studying quasistatic work can generate physical insights into complex nonequilibrium systems.

Thursday

August 20, 2026

Starts at 12:15 PM

Coffee at 12:00 PM

Physics Conference Room, SB B326

This talk is accessible via [Zoom](#) or use

meeting ID 829 2687 2594 and **passcode 866995** to join