

TIME: 3/06/2023, 10:30am--11:00am

SPEAKER: Simon Knapen (LBL)

TITLE: Crystal defect as possible background sources in low threshold dark matter detectors

ABSTRACT: Quantum diffusion and out-of-equilibrium relaxation of crystal defects may result in difficult to reject background in future low threshold dark matter detectors. We attempt to estimate the rate at which they can fake dark matter events.