

NBIA-LANL Neutrino Quantum Kinetics in Dense Environments

Monday 26 August 2019

Talk: Sajad Abbar (Neutrino Flavor Evolution in Dense Neutrino Media: Fast Modes and Flavor Equilibrium) - Auditorium A (14:00 - 14:15)

Talk: Manibrata Sen (Impact of Collisions on Fast Flavor Conversions) - Auditorium A (14:15 - 14:30)

Talk: Alexandra Dobrynina (Influence of Magnetic Field on Beta-processes in Supernova Medium) - Auditorium A (14:30 - 14:45)

Tuesday 27 August 2019

Talk: Evan Grohs (Neutrino Quantum Kinetics in the Early Universe) - Auditorium A (14:00 - 14:15)

Talk: Rasmus Hansen (Effects of Extended Emission Regions on Neutrino Oscillations) - Auditorium A (14:15 - 14:30)

Talk: Daniel Blaschke (Neutrino Quantum Kinetic Equations: the Collision Term) - Auditorium A (14:30 - 14:45)

Talk: Sherwood Richers (Beyond Isotropic Quantum Kinetics) - Auditorium A (14:45 - 15:00)

Wednesday 28 August 2019

Talk: Amol Patwardhan (Eigenvalues and Eigenstates of the Many-body Collective Neutrino Oscillation Hamiltonian) - Auditorium A (12:30 - 12:45)

Talk: Michael Cervia (Entanglement in Collective Neutrino Oscillations) - Auditorium A (12:45 - 13:00)

Talk: Ermal Rapaj (Exact Solution of Quantum Many-Body Collective Neutrino Flavor Oscillations) - Auditorium A (13:00 - 13:15)

Thursday 29 August 2019

Talk: Luke Johns (Self-interacting Sterile Neutrino Dark Matter) - Auditorium A (15:00 - 15:15)

Talk: Anna Suliga - Auditorium A (15:15 - 15:30)

Talk: Zewei Xiong (Physics of Active-Sterile Neutrino Oscillations in the Neutrino-driven Wind) - Auditorium A (15:30 - 15:45)

Talk: Meng-Ru Wu (Neutrinos and Compact Binary Mergers) - Auditorium A (15:45 - 16:00)