Contribution ID: **41** Type: **Oral**

Neutrino Theory Overview

Wednesday, May 11, 2022 10:30 AM (30 minutes)

Neutrino oscillations provide a mechanism to constrain most of the remaining known unknowns in particle physics and are becoming a powerful probe of new physics scenarios. I will discuss the impact of the oscillation parameters on other areas of physics and how we will detect them in neutrino oscillation experiments. I will also discuss some of the latest anomalies in neutrino oscillation data and speculate on what they might mean for the future.

Primary author: DENTON, Peter (Brookhaven National Laboratory)

Presenter: DENTON, Peter (Brookhaven National Laboratory)

Session Classification: Plenary - Neutrinos

Track Classification: Neutrino Oscillations