

Title: In the Nus: Long-Baseline Neutrino Oscillations and the Future of Particle Physics in the US

Abstract: Neutrinos are the second most abundant particle in the universe, yet we understand so little about them due to their elusive nature. The discovery of neutrino oscillations began a revolution in the field of high energy physics (HEP) that will drive the domestic experimental program in HEP for at least the next 20 years. In this talk I will give an overview of neutrino oscillations, what and how we know what we know, recent results and what we still don't know, and what we hope to learn in current and future neutrino experiments in the U.S. and around the world.

Best regards,

Jonathan