

Progress on the IsoDAR Antielectron Neutrino Experiment

Friday 6 July 2018 10:00 (15 minutes)

IsoDAR is a compact, accelerator-based source for anti-electron neutrinos produced through ^8Li decay. When paired with a large scintillator-based detector, IsoDAR allows for a high-precision investigation of the reactor and source-based neutrino oscillation anomalies. This talk will discuss this physics, as well as other beyond Standard Model precision measurements that can be performed. We will also briefly review recent technical developments on the source.

Author: DIAZ, Alejandro (Massachusetts Institute of Technology)

Presenter: DIAZ, Alejandro (Massachusetts Institute of Technology)

Session Classification: Neutrino Physics

Track Classification: Neutrino Physics