

Oscillation Physics with Deepcore and the IceCube Upgrade

The IceCube neutrino observatory is a cubic km neutrino telescope located at the South Pole. DeepCore is an infill array of the IceCube Neutrino Observatory and enables observations of atmospheric neutrinos with energies as low as 5 GeV. Atmospheric neutrinos from 5-50 GeV allow for a broad range of particle physics, from measuring standard neutrino oscillations to probing BSM physics. In this talk I will discuss the recent oscillation results from IceCube/DeepCore and go over the future prospects of oscillation physics achievable with the IceCube upgrade.

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