

Muon Neutrino Disappearance Results with IceCube/Deepcore

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Located at the South Pole Station in Antarctica, the IceCube Neutrino Observatory is the world's largest neutrino telescope. In the clearest part of the ice sits a more densely instrumented section, DeepCore, that is able to measure neutrinos from 5-80 GeV. Using DeepCore, neutrino oscillations can be observed via ν_μ disappearance. This talk will highlight the new and greatly improved atmospheric disappearance results from IceCube/DeepCore, using three years of data and over 40,000 neutrino events.

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