Measurement of Muon Neutrino Disappearance with IceCube/DeepCore

MATT DUNKMAN, Pennsylvania State Univ, ICECUBE COLLABORATION — New event reconstruction techniques have resulted in a high statistics atmospheric neutrino sample from the first three years of data from the complete IceCube Neutrino Observatory. The more densely instrumented DeepCore sub-array, with an energy threshold around 10 GeV, is very sensitive to the first atmospheric oscillation minima. I will present the current constraints on oscillation parameters $\theta_{23}$ and $\Delta m_{32}$ from IceCube.