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ν_{μ} Disappearance with IceCube/Deepcore (15' + 5')

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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 10-60 GeV. Using DeepCore, neutrino oscillations can be observed via ν_{μ} disappearance. This talk will go over the latest atmospheric disappearance results from IceCube/DeepCore and the future outlook of the oscillation physics that can be done with such detector.

Primary author: HIGNIGHT, Joshua (Michigan State University)

Presenter: HIGNIGHT, Joshua (Michigan State University)

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