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Simulation of high energy neutrino interacting in salt dome

Abstract content

A Monte-Carlo simulation code SHINIE is developed from high energy neutrino experiments above or under ground. Initially development is for Earth-skimming tau neutrino experiment. Recent updates of muon and electron neutrinos enable this code to simulate all flavors of neutrinos. This talk will demonstrate the capability of SHINIE. We also point out an important method to study neutrino flavor physics by two types of experiments.

If this papers is presented for a collaboration, please specify the collaboration

Summary

Reference

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