Simulation of Neutrino Flux in NOνA[1] KULDEEP MAAN, Panjab University, Chandigarh, India, HONGYUE DUYANG, SANJIB MISHRA, University of South Carolina, NOVA COLLABORATION COLLABORATION — We present the status of the simulation of the neutrino flux in NOνA. Effects of various error conditions in the beam-transport on the ν_μ and ν_e flux at the near (ND) and far (FD) detectors is evaluated. The NDOS data are used to constrain the Kaon contribution to the ν_e flux. Finally, the ND data are used to constrain the muon-induced ν_e.

[1]NOνA Collaboration, Fermilab

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