Contribution ID: **50**   Type: **not specified**

Testing Majorana and Dirac Neutrino Mass Models

Thursday, July 6, 2023 9:00 AM (45 minutes)

In this talk, I will present Majorana neutrino mass models that yield predictions for lepton flavor violating processes that are testable in the near future. By tying the models to other observables beyond the SM, e.g., anomalies, dark matter, or baryogenesis, we obtain testable predictions for LFV that allow for falsification and goalposts for experimental sensitivities. In addition, I will briefly talk about Dirac-neutrino models that lead to testable deviations in Neff via upcoming CMB stage-IV experiments.

Primary author: THAPA, Anil (University of Virginia)

Presenter: THAPA, Anil (University of Virginia)