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Type: **Parallel Talk**

Neutrino Scattering Measurements at NOvA

Thursday, 7 July 2022 10:15 (15 minutes)

The scintillator-based near detector of the NOvA oscillation experiment sits in the NuMI neutrino beam, and thus has access to unprecedented neutrino scattering datasets. Thanks to the reversible focusing horns, large samples of both neutrino and antineutrino interactions have been recorded. Leveraging these datasets, NOvA can make a variety of double-differential cross-section measurements with world-leading statistical precision to constrain neutrino interaction models and inform oscillation experiments. In this talk we will present recent cross section results for both neutrinos and antineutrinos.

In-person participation

Yes

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