## NuCo 2022: Neutrinos en Colombia



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## **Recent results from NOvA**

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NOvA is a long-baseline neutrino oscillation experiment with two functionally identical detectors. The detectors are segmented calorimeters, sensitive to neutrino fluxes of various kinds. The experiment can search for oscillations into active and sterile neutrinos and probe the existence of non-standard interactions for neutrinos. The detectors are also sensitive to astrophysical neutrinos emitted during core-collapse supernova. The location on the surface of the Far Detector allows magnetic monopoles to reach it without being absorbed by the atmosphere. Meanwhile, the underground location of the Near Detector at the Fermilab campus allows the experiment to perform systematics-limited neutrino cross sections measurements. This talk will summarize the latest NOvA result on the diverse analyses completed by the collaboration.

Author: ARRIETA DIAZ, Enrique (Universidad del Magdalena)

Presenter: ARRIETA DIAZ, Enrique (Universidad del Magdalena)

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