

Results from the MINOS+ Experiment

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The MINOS(+) experiment has pioneered the two-detector method used for neutrino oscillation physics widely used today. It collected data from 2005 to 2016 using two tracking iron scintillator calorimeters, a Near detector close to the NuMI neutrino beam source at Fermilab, and a Far detector 735km away, deep underground in the Soudan Mine in Minnesota. An improved analysis of the full beam data set will be presented, looking at how different phenomena such as meson-exchange-currents may affect the MINOS results, and also how the results are affected by applying external data constraints.

Poster prize

No

Given name

Anna

Surname

Holin

First affiliation

STFC Rutherford Appleton Laboratory

Second affiliation

Institutional email

anna.holin@stfc.ac.uk

Gender

Female

Collaboration (if any)

MINOS+ Collaboration

Autori principali: Prof. AURISANO, Adam (University of Cincinnati); Dr. HOLIN, Anna (RAL-STFC); Prof. THOMAS, Jennifer (University College London); Prof. LANG, Karol (University of Texas at Austin); Dr. CARROLL, Thomas (University of Wisconsin-Madison)

Relatori: Prof. AURISANO, Adam (University of Cincinnati); Dr. HOLIN, Anna (RAL-STFC); Prof. LANG, Karol (University of Texas at Austin)

Classifica Sessioni: Poster session and reception 1

Classificazione della track: Neutrino oscillations