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Global fit to ν_μ disappearance data with sterile neutrinos

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In this talk I present a global fit to ν_μ disappearance data in the context of 3 + 1 neutrino oscillations. I explain the analysis method for the experiments with most impact in the global picture, namely MINOS/MINOS+, DeepCore and Antares, before presenting the results of the combined fit. To finish I discuss the implications of our results to the global 3 + 1 picture.

Collaboration name

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