

The search for sterile neutrinos with short-baseline neutrino experiments

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In the past two decades, several results from short-baseline neutrino experiments have hinted that sterile neutrinos could be present. If confirmed, these new particles would be a definite proof of physics beyond the Standard Model and would offer attractive solutions to many unanswered questions in our field. After briefly reviewing selected results, I will present the current experimental landscape and what the prospects are to resolve this important open question on the existence of sterile neutrinos. I will also discuss some of the implications of having additional neutrinos.

What is your topic?

Neutrino Physics

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