

# The search for sterile neutrinos at the FCC-ee

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Sterile neutrinos are among the most attractive (but also hardest to test) extensions of the SM to generate the light neutrino masses observed in neutrino oscillation experiments.

When the sterile (heavy) neutrinos have masses around the electroweak scale, they can be efficiently searched for at the FCC-ee.

In this talk I review the most efficient search channels, present updated estimates for future sensitivities and compare those with the present bounds from existing experiments.

Particular emphasis is put on the connection between sterile neutrinos and the Higgs sector.

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