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## Phenomenology of neutrino oscillations

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In recent years, neutrino experiments have achieved a remarkable precision in the measurements of the oscillation parameters. I will review the current knowledge, including possible hints of sterile neutrinos, and I will discuss the experimental strategies for the determination of the mass hierarchy, the existence of leptonic CP-violation and the tests of the standard three neutrino mixing scenario, which remain open questions. In particular, I will focus on the phenomenology of long baseline and short baseline neutrino oscillations.

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