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## **Hyperon-Nucleon Interaction from Lattice QCD**

Saturday, 26 April 2025 14:25 (20 minutes)

Lattice QCD provides a foundational technique for investigating the interaction between hadrons. We study proton-hyperon scattering using lattice QCD within Luscher's finite volume method and HALQCD method. This calculation provides some useful information on the nature of the interaction between proton and hyperon.

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