Annual Meeting QGSKY - Quantum Universe



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Flavour oscillation and torsion in Quantum Field Theory

Thursday, 5 October 2023 14:20 (20 minutes)

We study the quantum field theory of neutrino mixing in the presence of spacetime torsion. We derive new oscillation formulae for the constant torsion background, displaying the spin dependence of the oscillation probability

Presenter: SERAO, Raoul (Istituto Nazionale di Fisica Nucleare)

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