

# The physics case for the CP-violation tests in hyperon decays at SCTF

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A comparison of the hyperon and antihyperon decay parameters allows for tests of direct CP-symmetry violation complementary to the  $\epsilon'/\epsilon$  measurements in kaon decays. Importance of the new BESIII result on  $e^+e^- \rightarrow J/\psi \rightarrow \Xi^- \bar{\Xi}^+$ , where the final state interaction and weak phase difference are disentangled, is discussed. We show how future measurements at Super Charm-Tau Factories (SCTF) can profit from the longitudinal polarization of the electron beam.

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