



Contribution ID: 44

Type: **contributed parallel talk**

D-meson mixing from lattice QCD

Monday, 17 July 2023 14:20 (20 minutes)

The mixing of neutral D mesons is the least understood of all neutral meson mixing processes. Both in experiment and theory, the mixing of K , B , B_s mesons is known to a much higher precision. In this talk I will present results of a lattice calculation on the short-distance contribution to D -meson mixing, whose matrix elements are important inputs for various models beyond the Standard Model, and can be used to constrain effects of new physics within the process of D mixing.

Consent

I consent to recording/broadcasting my presentation.

Primary author: ERBEN, Felix (University of Edinburgh)

Presenter: ERBEN, Felix (University of Edinburgh)

Session Classification: Parallel B

Track Classification: mixing