

ATLAS results on weak decays of B mesons

Tuesday 10 January 2023 17:20 (20 minutes)

The ATLAS experiment is able to probe potential beyond the Standard Model physics by performing precise measurements of B meson decays. In particular this talk will highlight the branching fractions of rare decays B_s and $B \rightarrow \mu\mu$ and CP violation in $B_s \rightarrow J/\psi\phi$, which can both be altered by new physics.

Presenter: WHARTON, Andrew Mark (Lancaster University (GB))

Session Classification: Parallel session B

Track Classification: QCD