

Angular analysis of $B_d^0 \rightarrow K^* \mu \mu$ decays at ATLAS

Tuesday, 7 June 2022 14:40 (20 minutes)

The large amount of Heavy Flavour data collected by the ATLAS experiment is potentially sensitive to New Physics, which could be evident in processes that are naturally suppressed in the Standard Model. The result of the angular distribution parameters describing the decay $B_d^0 \rightarrow K^{*0} \mu^+ \mu^- \rightarrow K^+ \pi^- \mu^+ \mu^-$ based on full Run-1 data is presented.

Primary author: ATLAS COLLABORATION

Presenter: SYKORA, Martin (Prague CU)

Session Classification: Poster session