9th Edition of the Large Hadron Collider Physics Conference



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ATLAS searches extra dimensions for using the full Run 2 ee and mumu datasets

Thursday 10 June 2021 18:45 (1 hour)

This poster summarises the extra dimensional models being searched for using the ATLAS detector at the Large Hadron Collider, in the full Run 2 dielectron and dimuon datasets. This data was produced in proton-proton collisions at a centre-of-mass energy of 13 TeV. In particular, the limits on the ADD model are presented, from a reinterpretation of the ATLAS Run 2 dilepton non-resonant analysis. Also highlighted, is a novel search being performed for clockwork extra dimensions.

Primary author: BERRY, Tracey (University of London (GB))

Presenter: BERRY, Tracey (University of London (GB))

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