



Contribution ID: 672

Type: **Parallel session talk**

B anomalies and muon $g-2$ from Dark Matter

Friday 30 July 2021 09:30 (20 minutes)

In the light of the recent result of the Muon $g-2$ experiment and the update on the test of lepton flavour universality R_K published by the LHCb collaboration, we systematically build and discuss a set of models with minimal field content that can simultaneously give: (i) a thermal Dark Matter candidate; (ii) large loop contributions to $b \rightarrow s\ell\ell$ processes able to address R_K and the other B anomalies; (iii) a natural solution to the muon $g-2$ discrepancy through chirally-enhanced contributions.

First author

Lorenzo Calibbi

Email

calibbi@nankai.edu.cn

Collaboration / Activity

Theory

Primary author: CALIBBI, Lorenzo (Nankai University)

Presenter: CALIBBI, Lorenzo (Nankai University)

Session Classification: T03: Dark Matter

Track Classification: Dark Matter