Sixteenth Marcel Grossmann Meeting



Contribution ID: 336

Type: Invited talk in the parallel session

Fornax globular cluster timing problem as a test of dark matter properties

Tuesday, 6 July 2021 11:24 (23 minutes)

The Fornax dSph displays a variety of globular cluster at projected radii that seem at odds with the presence of a NFW profile. I will quantify this 'anomaly' (at the level of a 25% tuning) and discuss how different DM models can alleviate it.

Primary authors: BLAS, Diego (KCL); BAR, Nitsan; BLUM, Kfir; KIM, Hyungjin

Presenter: BLAS, Diego (KCL)

Session Classification: Interacting Dark Matter

Track Classification: Dark Matter: Interacting Dark Matter