

Dark Interactions 2024

Vancouver, Oct. 16-18



Contribution ID: 62

Type: **not specified**

Indications for a Non-Zero Lepton Asymmetry

I will discuss how recent data from the EMPRESS survey provide indications for tension within the predictions of BBN, which can be resolved by introducing a primordial asymmetry between neutrinos and anti-neutrinos. Along the way, I will also discuss the PRyMordial package which we have developed to compute the predictions of BBN within and beyond the Standard Model.

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Session Classification: Dark Sectors

Track Classification: Contributed Talks