



Contribution ID: 268

Type: **not specified**

Dark Matter in non-standard cosmologies

Tuesday 24 August 2021 16:20 (20 minutes)

We examine the implications of non-standard cosmologies (NSCs) on Dark Matter. We present a detailed analysis of the impact of NSCs on frozen-in relics and examine their lower allowed mass limit. Moreover, we discuss how the “natural” axion window can be extended, which can potentially help us to exclude NSCs once the axion is discovered.

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Session Classification: Dark Matter and Astroparticle Physics

Track Classification: Dark Matter and Astroparticle Physics