

Phenomenology 2022 Symposium: From Virtual to Real



Contribution ID: 195

Type: **not specified**

Constraints on Self-interacting Radiations with Cosmological Data

Tuesday 10 May 2022 17:00 (15 minutes)

Self-interacting radiations are generic consequences of many BSM models. I present a comprehensive study of cosmological constraints on self-interacting light relics using cosmic microwave background and baryon acoustic oscillation data. In this talk, I will describe how to implement self-interacting radiation in the Boltzmann hierarchy and show results for different types of relics and interactions.

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Session Classification: Cosmology IV