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## Are Dark Matter - Dark Radiation Interactions Favoured by Cosmological Data?

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The standard Dark Matter paradigm, in which Dark Matter is cold, collisionless, and only interacts significantly gravitationally, boasts remarkable success on large scales. However, possible tensions in  $H_0$  and  $S_8$  measurements have reinvigorated interest in beyond- $\Lambda$ CDM models, such as interactions between all or a fraction of Dark Matter and Dark Radiation. Here I present recent constraints on these interactions, and discuss the potential of these models to alleviate cosmological tensions.

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