

Open String Axiverse

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The cosmological history of axions is most predictive when their associated symmetry is restored in the post-inflationary universe, producing a network of cosmic strings. On the other hand, arguably the most well-motivated (high-quality) axions —those arising from extra dimensions and string theory —are often thought to be in tension with this scenario. In this talk, I explain how these are easily reconciled from a theoretical point of view and discuss phenomenological prospects.

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