

Asymptotic Safety and a CPT-Symmetric Universe

Monday 16 December 2024 17:00 (45 minutes)

I will present the idea that the big bang is a type of mirror – in particular a “CPT mirror”. I will review the evidence for this idea, its explanatory power, and its predictions. Recently, we have come to think this idea is closely tied to the asymptotic safety idea, and I will present a new result to this effect (in collaboration with Neil Turok and Vatsalya Vaibhav – to appear soon).

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Session Classification: Talks