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Can short scales influence large scales during inflation? [Chair: Gorji]

Wednesday, 29 May 2024 12:00 (45 minutes)

How small-scale enhanced scalar fluctuations influence large scales, for instance, the one probed by the CMB, has recently been the object of an intense debate. In this context, I will discuss how one-loop diagrams from small-scale modes may -only apparently- lead to scale invariant corrections at large scales.

I will then discuss ways to have resonant IR cascades, namely cases where loop corrections can be significant in the -near- infrared.

Are you interested in publishing a 2-4 pages proceeding at the MDPI Journal?

No

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