

Towards a phenomenology of scale invariance

Tuesday, 11 June 2019 14:45 (45 minutes)

Asymptotic safety, i.e., scale invariance in the ultraviolet, is a compelling proposal for the nature of fundamental interactions. Understanding its phenomenological consequences is a critical challenge, as any physical theory requires testing through confrontation with observations and experiments. In this talk I will discuss potential consequences of asymptotic safety for (Beyond) Standard Model physics as well as black holes.

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