

Exploring the Spectrum of Consistent EFTs

vendredi 20 septembre 2024 11:55 (35 minutes)

I will discuss the implications of consistency conditions coming from Causality and Unitarity on the parameter space of Effective Field Theories (EFTs) of particles with spin J . I will show in particular that for $J \geq 2$, the mass must be parametrically close to that of the nearest UV excitation, thus reducing the range of applicability of such theories.

Orateur: RICOSSA, Sara