

BPS Decoupling Limits and Non-Lorentzian Geometry

Tuesday 29 April 2025 11:30 (1 hour)

In recent years there has been a growing interest in various non-Lorentzian limits of String and M-theory. In this talk I will outline my work with Joe Smith on novel non-Lorentzian field theories obtained from limits of branes. The dynamics of these theories typically reduce to motion on a moduli space. We also discuss the limits of their associated gravitational solutions which lead to new examples of gauge/gravity duality which go beyond traditional supergravity.

Presenter: LAMBERT, Neil (University of London (GB))

Session Classification: Non-relativistic: Plenary talk (Chair: Giandomenico Palumbo)