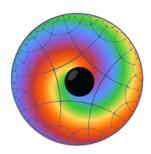
Gauge/Gravity Duality 2015



Contribution ID: 68 Type: not specified

Looking for an on-shell regulator

Wednesday, 15 April 2015 14:50 (30 minutes)

A generic QFT without mass gap may present IR and UV divergencies, which must be regularized before making sense of them. In a Feynman diagram, one thinks of these divergencies as arising from an infinite integration region for a certain off-shell momentum. When one treats the theory purely on-shell, these divergencies must be seen (and regularized) in some other way. In this talk I present an approach to tackle this problem, in the particular case of divergencies of scattering amplitudes, using the so-called on-shell diagrams.

Presenter: CONDE PENA, Eduardo

Session Classification: Parallel Session