

Scalar-Vector Effective Field Theories from Soft Limits

Thursday, 30 July 2020 09:45 (30 minutes)

We study a bottom-up construction of effective field theories of spin-0 and spin-1 massless particles using the infrared structure of scattering amplitudes. We try to employ previously discovered two distinct probes of soft kinematics: multiple chiral soft limits for vectors and enhanced single soft limits for scalars.

Secondary track (number)

Primary authors: Mr FILIP, Preucil (Charles University); Dr JIRI, Novotny (Charles University); JAROSLAV, Trnka (Charles University); KAMPF, Karol (Charles University (CZ))

Presenter: Mr FILIP, Preucil (Charles University)

Session Classification: Formal Theory

Track Classification: 10. Formal Theory