

Effective field theories applied to studies of hadron physics

Thursday 9 December 2021 10:10 (35 minutes)

I use effective field theories to study low energy interactions among hadrons and the consecutive formation of resonant/bound states in hadronic systems. The states formed in such systems are often referred to as dynamically generated or molecular states. In such studies, we consider the hadrons to be the degrees of freedom and the corresponding Lagrangians are constructed by requiring the symmetries appropriate and applicable to a given system. In this talk I will present the details and results of our recent works.

Authors: MARTINEZ TORRES, Alberto; Prof. KHEMCHANDANI, Kanchan; BERTOTTO MALABARBA, Brenda

Presenter: Prof. KHEMCHANDANI, Kanchan