

Born-Oppenheimer EFT: an unified description of ordinary and exotic quarkonia

Tuesday, 13 May 2025 11:15 (35 minutes)

I present the Born-Oppenheimer effective field theory description of quarkonia, hybrids, tetraquarks and pentaquarks. The EFT relies uniquely on symmetries, systematic expansions in some small parameters and lattice QCD input. The talk is mostly based on Phys.Rev.D 110 (2024) 9, 094040 and 2411.14306.

Primary author: VAIRO, Antonio

Presenter: VAIRO, Antonio

Session Classification: Charm Spectroscopy and XYZ