

IFIC Seminar by

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Hadron scattering, resonances and exotics from LQCD



The spectroscopy and interactions of hadrons probe the strongly-interacting regime of QCD, and in recent years experiments have observed a number of puzzling hadrons that challenge our understanding of the strong interaction. I will summarize recent advances in this area and present some applications in the light and heavy-meson sectors, including the first determination of an exotic $J^{PC} = 1^{-+}$ hybrid meson resonance in a lattice calculation, likely connected to the π_1 observed by COMPASS, and calculations of $D\pi$, DK and $DK\bar{K}$ scattering relevant for the $D^*(2300)$ and the enigmatic $D^*_s(2317)$.

Tuesday, 27/09/2022
12pm, IFIC Seminar Room
Coffee starts at 11.30pm

