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Studies of the pion and kaon in lattice QCD BIPASHA CHAKRABORTY, Jefferson Laboratory

Direct lattice computation of the key measures of hadron structure such as the form factors, parton distribution functions, quark distribution amplitudes have always been challenging. With current enormous experimental efforts at JLab (with its 12 GeV upgrade), COMPASS in CERN, RHIC-spin and at a future EIC, it is now crucial to test and exploit the newly proposed lattice QCD ideas in hadron structure which requires increasingly high momenta. Here I will discuss about some recent progresses in pion/kaon structure calculations using lattice QCD including high-momentum electromagnetic form factors, distribution amplitudes and PDFs.