



Contribution ID: 269

Type: **Invited talk**

### Structure of pion and kaon from lattice QCD

*Sunday, August 5, 2018 3:00 PM (30 minutes)*

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 the progress of our ongoing calculation of high-momentum electromagnetic form factors and parton distribution functions from lattice QCD.

**Primary author:** Dr CHAKRABORTY, Bipasha (Jefferson Lab)

**Presenter:** Dr CHAKRABORTY, Bipasha (Jefferson Lab)

**Session Classification:** Light quarks

**Track Classification:** B: Light quarks