



Contribution ID: 61

Type: **Invited**

Light cone distribution of light meson on lattice

Monday, 25 November 2024 14:00 (30 minutes)

The light cone distribution of light mesons, encompassing both one-dimensional light cone distribution amplitudes (LCDAs) and three-dimensional transverse momentum dependent wave functions (TMDWFs), provides insight into the inner structure of hadrons. These distributions are crucial inputs for perturbative calculations in hard exclusive processes. In this talk, I will present recent advancements in the research of both LCDAs and TMDWFs on the lattice. I will particularly focus on the applications of the LaMET framework for LCDAs of pseudoscalar and vector mesons, as well as TMDWFs for pions.

Primary author: HUA, Jun (South China Normal University)

Presenter: HUA, Jun (South China Normal University)

Session Classification: Parallel-1