



Contribution ID: 21

Type: **Talk**

Nucleon matrix elements using lattice QCD

Thursday 4 August 2022 14:00 (30 minutes)

This talk will provide a summary of the calculations of matrix elements of quark bilinear operators and CP violating Theta term between a nucleon state. Results for isovector and flavor diagonal charges, axial, electric and magnetic charges will be presented. A status of the contribution of CP violating operators from the standard model and BSM will be given.

Preferred track

Hadron Structure

Subfield

HEP theory

Attending in-person?

Yes

On behalf of collaboration?

PNDME and NME collaborations

Author: GUPTA, Rajan

Presenter: GUPTA, Rajan

Session Classification: Heavy flavour / hadron structure

Track Classification: Hadron structure