Contribution ID: 80 Type: Talk

## **Nucleon Structure from Lattice QCD**

Monday, 16 October 2023 09:30 (30 minutes)

We will provide an overview of recent lattice results on nucleon structure. Specifically, we will describe recent progress in the determination of nucleon charges, form factors and second Mellin moments. We will discuss the main ingredients involved in the analysis that yield results with controlled systematics reaching, for some observables, percent accuracy. We will also review lattice QCD calculations that determine the generalised parton distributions and the transverse momentum dependent parton distributions.

## **Parallel Session**

Invited Plenary Talk

Primary author: Prof. ALEXANDROU, Constantia (University of Cyprus and The Cyprus institute)

Presenter: Prof. ALEXANDROU, Constantia (University of Cyprus and The Cyprus institute)

Session Classification: Plenary talk