



Contribution ID: 204

Type: **Parallel Session Talk**

nCTEQ PDFs and the strange PDF at LHC

Thursday 11 April 2019 09:50 (20 minutes)

Extraction of the strange quark PDF is a long standing puzzle. We use nCTEQ nPDFs with uncertainties to examine W/Z production at the LHC and try to study both the nuclear corrections and the flavor differentiation. This complements the information from neutrino-DIS data. Additionally, we look ahead to future facilities such as EIC, LHeC, and LHC upgrades and use a new tool, PDFSense, to estimate the impact.

Authors: JEZO, Tomas (University of Zurich); KOVARIK, Karol; KUSINA, Aleksander (IFJ PAN); OLNESS, Fred; SCHIENBEIN, Ingo (Universite Grenoble Alpes)

Presenter: OLNESS, Fred

Session Classification: WG1:Structure Functions and Parton Densities

Track Classification: WG1: Structure Functions and Parton Densities