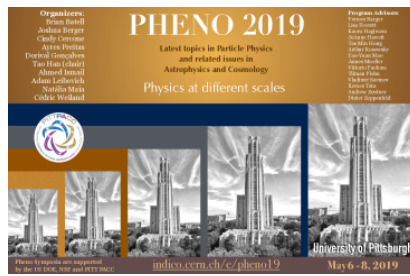Contribution ID: **658**   Type: **parallel talk**

nCTEQ PDFs and the strange PDF at LHC

Monday 6 May 2019 14:15 (15 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.

Summary

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