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The NNPDF3.0 parton set for the next LHC run

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In this talk preliminary results on the NNPDF3.0 PDF set are presented. The novel NNPDF analysis, based on an improved fitting methodology and statistically validated by closure tests, includes the most recent data from HERA and a wide set of recent LHC data. Statistical features and tests will be presented, along with the impact of the new data on PDFs. Some of the implications for the upcoming high energy LHC run will be discussed.

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