

MMHT14 PDFs: updates and outlook (20+10min)

Tuesday 1 September 2015 16:30 (30 minutes)

We present the MMHT14 PDFs, an update of the previous major release in the same framework, i.e. MSTW08. We discuss the changes in both the central values and uncertainties in the PDFs due to changes in theoretical procedures and the impact of new, largely LHC data-sets. We note, however, that changes in predictions are rather small. We discuss the correlation between the PDFs and the strong coupling constant and the constraint on the latter. We also highlight plans for the future.

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