

## The CT14 Global Analysis of QCD (20+10min)

*Tuesday 1 September 2015 17:00 (30 minutes)*

The CTEQ-TEA collaboration has published their next generation global analysis of QCD, with PDFs named CT14 PDFs.

The purpose of the talk is to summarize this work, and describe some methods that we use.

The talk will include these topics:

an overview of the CT14 PDFs; the LHC data, and other new data, that has been used in the CT14 analysis; the impact of CT14 PDFs on predictions for the LHC; parametrizations; some preliminary comments on the implications of the HERA1+2 combined data.

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**Session Classification:** PDFs

**Track Classification:** PDFs