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## **CT10 NNLO Global Analysis update and QED effects in PDFs**

*Tuesday, 29 April 2014 11:25 (25 minutes)*

An update on activities of the CTEQ-TEA global analysis project will be given. This includes discussion of the latest NNLO CT10 parton distribution functions and their implications for predictions at the LHC. We also present a study of QED effects, including photon PDFs, in the CT10 analysis, and show how the ZEUS DIS plus observed photon data can constraint the initial photon PDF.

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**Session Classification:** WG1: Structure Functions and Parton Densities

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