



Contribution ID: 174

Type: **not specified**

Inclusive DIS and PDFs

Thursday, 11 September 2014 09:20 (30 minutes)

Recent results on deep-inelastic scattering at HERA are presented. These include new H1 and ZEUS measurements of the proton longitudinal structure function F_L and new combined measurements of the DIS inclusive cross sections based on the full HERA inclusive data samples published up to now. The new combined H1 and ZEUS neutral and charged current inclusive cross sections are used as the sole input to NLO and NNLO QCD analyses to determine new sets of parton distributions, HERAPDF2.0, with small experimental uncertainties and an estimate of model and parametrisation uncertainties.

Primary author: TASSI, Enrico (CS)

Presenter: TASSI, Enrico (CS)

Session Classification: Diffraction in DIS (I)

Track Classification: Diffraction in DIS