



Contribution ID: 541

Type: **Parallel Talk**

## Search for contact interactions in inclusive $ep$ scattering at HERA

*Friday, July 7, 2017 9:45 AM (15 minutes)*

The high-precision HERA data are used to search for Beyond the Standard Model contributions to electron-quark scattering in the framework of  $eeqq$  contact interactions (CI). Combined measurements of the inclusive deep inelastic cross sections in neutral and charged current  $ep$  scattering are considered, corresponding to a luminosity of around  $1 \text{ fb}^{-1}$ . The analysis of the inclusive  $ep$  data is based on the simultaneous fits of parton distribution functions together with contributions of CI couplings to  $ep$  scattering. Results are presented for different CI scenarios and the resulting 95% CL limits on the CI mass scales extend up to the 10 TeV scale.

### Experimental Collaboration

ZEUS

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