

# XXIV International Workshop on Deep-Inelastic Scattering and Related Subjects (DIS16)



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## Dipole model analysis of the new HERA data

*Tuesday, April 12, 2016 10:00 AM (15 minutes)*

I analyse, within a dipole model, the inclusive DIS cross section data, obtained from the last HERA measurements (2015). I show that these high precision data are very well described within the dipole model framework, which is complemented with a valence quark structure functions. I also discuss the role of higher twist corrections to the standard PDFs fit.

This analysis I have done in collaboration with Henri Kowalski and we are going to publish it soon.

### Summary

Description within dipole model of the new HERA data  
Higher twist correction to the standard PDFs fit

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