

## **A model for soft interactions based on the CGC/saturation approach**

*Monday, 5 October 2015 15:15 (15 minutes)*

I discuss a model based on Coloured-Glass-Condensate/saturation and the BFKL Pomeron.

I show that this model successfully describes the elastic, diffractive and inclusive data at LHC energies. The talk is based on material appearing in arXiv:1408.3811, arXiv:a502.05202 and arXiv: 1503.04294

**Primary author:** Prof. GOTSMAN, Errol (Asher) (Tel Aviv University)

**Co-authors:** Prof. LEVIN, Evgeny (Tel Aviv University); Prof. MAOR, Uri (Tel Aviv University)

**Presenter:** Prof. GOTSMAN, Errol (Asher) (Tel Aviv University)

**Session Classification:** Diffraction and Pomeron

**Track Classification:** Diffraction and Pomeron