Contribution ID: **196** Type: **Oral presentation**

Unexpected properties of the discrete BFKL solution

Saturday, 7 July 2018 15:30 (30 minutes)

I will discuss the properties of the discrete BFKL solution and show that HERA data indicate that a state usually considered as a ground state has to decouple. As a consequence, the real ground state should be close to the non-perturbative region i.e., in the saturation region. This finding, together with the known property of BFKL that it should be sensitive to symmetries beyond Standard Model, may lead to interesting future experiments.

Primary author: Dr KOWALSKI, Henri (DESY)

Presenter: Dr KOWALSKI, Henri (DESY)

Session Classification: Lev's Lipatov memorial session