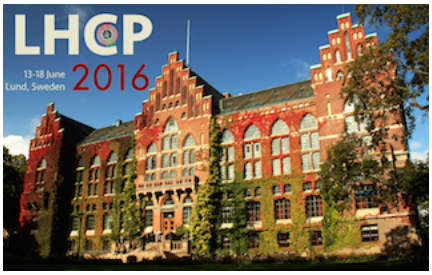

Contribution ID: **240** Type: **Poster**

Vector meson production in photon induced interactions at LHC

The exclusive vector meson production in photon - induced interactions at LHC is investigated using the color dipole formalism and considering different models for the vector wave functions and forward dipole - target scattering amplitude. Our goal is to update the color dipole predictions and estimate the theoretical uncertainty present in these predictions. We present predictions for the kinematical ranges probed by the ALICE, CMS and LHCb Collaborations in the Run2 of the LHC.

Author: Prof. GONCALVES, Victor (Lund University)

Presenter: Prof. GONCALVES, Victor (Lund University)

Session Classification: Poster Session

Track Classification: QCD physics at hadron colliders