



Contribution ID: 139

Type: **not specified**

Double parton scattering studies in CMS

Wednesday, 5 April 2017 11:40 (20 minutes)

We present recent results on Double Parton Scattering (DPS) studies using data collected during Run 1 and Run 2 of the LHC with the CMS experiment. Double parton scattering is investigated in several final states including vector bosons and multi-jets. Measurements of observables designed to highlight the DPS contribution are shown and compared to MC predictions from models based on multiple partonic interactions (MPI) phenomenology.

Presenter: ALVES, Gilvan Augusto (CBPF - Brazilian Center for Physics Research (BR))

Session Classification: WG2 Low x and Diffraction

Track Classification: WG2) Low x and Diffraction