Contribution ID: **135** Type: **not specified**

Event Modelling in CMS

Tuesday 4 April 2017 12:40 (15 minutes)

Latest tests of double parton scattering, underlying event tunes, minimum bias, and diffraction made by comparing CMS Run I and Run II data to the state-of-the-art theoretical predictions interfaced with up-to-date parton shower codes are presented. Studies to derive and to test the new CMS event tune obtained through jet kinematics in top quark pair events and global event variables are described.

Primary authors: GOVONI, Pietro (Universita & INFN, Milano-Bicocca (IT)); GUNNELLINI, Paolo (Deutsches Elektronen-Synchrotron (DE))

Presenter: GUNNELLINI, Paolo (Deutsches Elektronen-Synchrotron (DE))

Session Classification: WG4 Hadronic and Electroweak Observables

Track Classification: WG4) Hadronic and Electroweak Observables