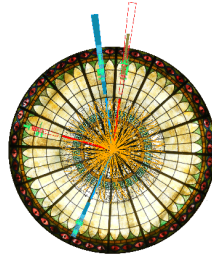


DIS 2015

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Measurement of Double Parton Scattering at LHC with the CMS experiment

Wednesday 29 April 2015 11:35 (25 minutes)

Double parton scattering is measured in different channels using the CMS experiment at the CERN LHC. Data from pp collisions collected at 7 and 8 TeV center-of-mass energy are used. Several final states are investigated to identify and measure the signature of double parton scattering in inelastic events. Parameters are extracted from the data that are suited in an optimal way to distinguish double parton scattering from various backgrounds. Multivariate analysis techniques are exploited to maximise the sensitivity.

Presenter: CHANG, You-Hao (National Taiwan University (TW))

Session Classification: WG4 QCD and Hadronic Final States

Track Classification: WG4 QCD and Hadronic Final States