



Contribution ID: 80

Type: **Talk**

Recent LHCb results on forward physics and diffraction

Thursday 4 August 2022 09:40 (25 minutes)

The LHCb detector at the LHC offers unique coverage of forward rapidities for studies of Central Exclusive Production (CEP) and soft QCD. CEP measurements allow the investigation of the nature of pomerons, and provide constraints on low- x gluon phenomenology, probing potential saturation effects. Moreover LHCb can test phenomenological models of soft QCD processes, by measuring the production of forward hadrons in pp collisions. In this talk the latest results from the LHCb experiment will be presented.

Preferred track

Forward & Diffractive Physics

Subfield

HEP experiment

Attending in-person?

Yes

On behalf of collaboration?

LHCb

Presenter: MCCONNELL, Lucas (University College Dublin (IE))

Session Classification: Forward & diffractive physics 2

Track Classification: Forward and diffractive physics