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## Soft QCD and Central Exclusive Production at LHCb

*Wednesday 10 April 2019 11:05 (20 minutes)*

The forward acceptance of LHCb,  $2.0 < y < 5.0$ , provides complementary reach to the general purpose detectors at the LHC for the study of Soft QCD processes. In addition, the installation of a series of scintillating pad detectors (Herschel), bracketing the LHCb detector along the beamline, for Run 2 of the LHC, with dedicated triggers, has significantly enhanced LHCb's sensitivity to central exclusive production (CEP). Recent LHCb measurements of the pp inelastic cross-section, minimum bias properties, and particle production in CEP will be presented.

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**Session Classification:** WG2: Small-x and Diffraction

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