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## Jet fragmentation and QCD measurements at LHCb

*Thursday, 7 July 2022 12:30 (15 minutes)*

The LHCb experiment at the LHC is suited for studying how hadrons are formed from scattered quarks and gluons, in energetic proton-proton collisions. The hadronization and fragmentation processes can be studied via measurements such as those involving jet substructure. Equipped with a forward spectrometer, the LHCb experiment achieves an excellent transverse momentum for charged tracks, that along with excellent particle identification capabilities offers a unique opportunity to measure with great precision hadronization variables. This talk will present measurements of identified hadrons within light quark-initiated jets as well as other ongoing QCD measurements at LHCb.

### In-person participation

Yes

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