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## Centrality dependence of jet properties in p-Pb collisions at 5.02 TeV with ALICE

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Jets are collimated sprays of particles produced from the fragmentation and hadronization of hard-scattered partons in high energy hadronic and nuclear collisions. Jet properties are sensitive to details of parton showering processes and expected to get modified in the presence of a dense partonic medium. Recently features similar to those in heavy-ion collisions have been observed in high multiplicity events in small collision systems, however, the suppression of inclusive jet production cross section is found to be absent. Measurements of jet properties can shed light on the current understanding of the observed behavior of high multiplicity events in such systems. In this work, we will present the centrality dependence of charged jet properties, viz. mean charged particle multiplicity, transverse momentum profile and fragmentation functions for leading jets in the range of jet  $p_T$  from 10 –120 GeV/c at midrapidity in p-Pb collisions at 5.02 TeV with ALICE.

**Primary author:** DAS, Prottoy (Bose Institute (IN))

**Presenter:** DAS, Prottoy (Bose Institute (IN))

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