

# XXVIII International Workshop on Deep-Inelastic Scattering and Related Subjects



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## **Inclusive and heavy flavor jet production in pp and p-Pb collisions and search for jet quenching effects with the ALICE experiment at the LHC.**

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The measurement of jet production and structure observables in pp collisions provides significant tests of perturbative QCD. Jet measurements in proton-lead collisions enable study of cold nuclear matter effects. Jets are generated in the early stages of ultra-relativistic heavy-ion collisions and provide unique channels for probing the quark-gluon plasma (“jet quenching”). The ALICE Collaboration at the LHC has developed novel techniques for jet measurements in all such collision systems, with phase space coverage that is complementary to that of ATLAS and CMS. I will present an overview of recent ALICE jet measurements in the areas of jet production, jet structure, cold nuclear matter studies, and jet quenching.

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