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## **Studies of high- $p_T$ jet and hadron production in pPb collisions with CMS**

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The suppression of high- $p_T$  jets and hadrons is one of the important signatures of the strongly interacting medium produced in PbPb collisions; nevertheless observed as a combination of various effects from initial and final states of the interaction. The study of pPb collisions aid the dissociation of these effects and lead to a clearer understanding of jet quenching. In this talk the CMS results for nuclear modification factors of jets and hadrons in pPb collisions are presented, including the methods for obtaining pp reference spectra at  $\sqrt{s_{NN}} = 5.02$  TeV.

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