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ATLAS Jet Reconstruction Capabilities in Heavy Ion Collisions AARON ANGERAMI, Columbia University, ATLAS COLLABORATION — High pT jets provide a unique tool for understanding the medium induced energy loss of the nuclear matter created in heavy ion collisions. The large acceptance of the ATLAS detector as well as recent advances in jet reconstruction algorithms have created a prime opportunity for jet physics in heavy ion collisions at the LHC. In this talk I will present results on the performance of the ATLAS jet reconstruction in Pb-Pb collisions. I will summarize a systematic program of treating the large background present in this collisions as well as the capabilities of different algorithms.

[X] Prefer Oral Session
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