

Abstract Submitted
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Photon-hadron and π^0 -hadron azimuthal jet correlations in $\sqrt{s_{NN}} = 200$ GeV Cu-Cu collisions at RHIC ANDREW ADARE, University of Colorado, PHENIX COLLABORATION — Angular correlation of final-state particles provides an informative probe of the dense, hot matter produced in high-energy nuclear collisions. A brief description of the technique of angular pair correlations and their application to QCD jet analysis in heavy-ion collisions is presented in addition to preliminary results from $\gamma - h$ and $\pi^0 - h$ azimuthal pair correlations from the PHENIX experiment at RHIC.

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