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High p_T jet correlations as a probe of the QGP ANDREW ADARE, University of Colorado, PHENIX COLLABORATION — Angular correlations involving high-p_T particles associated with partonic jet fragmentation provide an important opportunity to study the hot nuclear matter produced in A+A collisions, particularly when compared against a p+p reference. Recent di-jet correlations results suggest that observables characterizing jet shapes in Au+Au and p+p approach comparable values at high p_T, leading to questions about experimental accessibility to quenched partons and the nature of medium-induced energy loss. The latest high-p_T di-jet correlations results from the PHENIX experiment will be presented, as well as a discussion of their interpretation.

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