

DNP08-2008-000147

Abstract for an Invited Paper  
for the DNP08 Meeting of  
the American Physical Society

**Di-jet correlation tomography of ultrarelativistic nuclear collisions<sup>1</sup>**

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Moderate  $p_T$  hadrons associated with quenched jets in ultrarelativistic nuclear collisions at RHIC exhibit a puzzling pattern of correlations as a function of rapidity and azimuthal angle (the near side rapidity Ridge the away side Mach like double shoulder features). These patterns are expected to provide detailed differential in  $p_T$  information about the response of the strongly coupled Quark Gluon Plasma (sQGP) to rare but well calibrated high  $p_T$  jets. This talk presents an overview of current pQCD and AdS/CFT jet tomography models and possible interpretations of these observations.

<sup>1</sup>Supported under DOE Grant DE-FG02-93ER40764