



Contribution ID: 311

Type: Poster

Two Particle Correlation Results from the PHENIX Silicon Vertex Detector (VTX) in Au+Au collisions at 200 GeV

Thursday, 16 August 2012 16:00 (2 hours)

Two particle correlations in azimuth and pseudorapidity encapsulate a wealth of information from jet correlations from medium response to bulk collective flow. The PHENIX Silicon Vertex Detector (VTX) is a cylindrical, 4-layer detector close to the beampipe which extends the PHENIX tracking capability to a pseudorapidity from -1 to +1 and over nearly the full azimuth. The first heavy ion data set with the VTX was taken in 2011 and we will present the latest status on these correlation analysis using this VTX data from 200 GeV Au+Au collisions. Additionally, many frameworks have been proposed for factorizing the above listed physics contributions that will be compared to the experimental data.

Primary author: THEO, Theodore Koblesky (University of Colorado)

Presenter: THEO, Theodore Koblesky (University of Colorado)

Session Classification: Poster Session Reception

Track Classification: Correlations and fluctuations