



Contribution ID: 457

Type: **Parallel contribution**

The Rise and Fall of the Ridge at RHIC and the LHC

Wednesday, August 10, 2011 2:25 PM (25 minutes)

The centrality dependence of the low pt ridge correlations exhibits an interesting centrality dependence: it rises quickly with centrality but then in the most central collisions falls again. This centrality dependence is seen for 62.4 GeV, 200 GeV, and 2.76 TeV data. In this talk, I discuss how the rise and fall of the ridge demonstrates that the ridge is connected to the initial eccentricity. I discuss the connection of the away-side correlations to the near-side correlations and also explain why RHIC should collide Pb ions instead of Au ions.

Primary author: Dr SORENSEN, Paul (BNL)

Presenter: Dr SORENSEN, Paul (BNL)

Session Classification: Heavy Ion Physics/Hot and Dense QCD

Track Classification: Heavy Ion Physics/Hot and Dense QCD