

Santa Fe Jets and Heavy Flavor Workshop

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Open and Hidden Heavy Flavor at PHENIX

Monday, January 11, 2016 4:30 PM (30 minutes)

The PHENIX Collaboration has examined charm and bottom quark production in p+p, p+A, and A+A collisions at RHIC for the past 15 years. While much has been learned, our understanding of the effects apparent in nuclear collisions is constantly evolving. Recent instrumentation upgrades have led to a greatly increased capability for heavy quark measurements at PHENIX, namely the separation of charm and bottom contributions and observations of excited charmonia at forward and backward rapidity. This presentation will discuss recent PHENIX results on open heavy flavor and quarkonia, with an emphasis on new heavy quark measurements in small systems and their interpretation.

Presenter: Dr DURHAM, Matt (LANL)

Session Classification: Session 4