



Contribution ID: 310

Type: **Parallel Talk**

Bottomonium suppression at RHIC and LHC

Tuesday, May 15, 2018 11:50 AM (20 minutes)

Bottomonium suppression has long been discussed as a probe for the quark-gluon plasma generated in ultrarelativistic heavy ion collisions. The use of a realistic hydrodynamic background which is anisotropic in momentum space has shown to reproduce experimental data for various windows across each experiment. We have recently expanded our model to incorporate a realistic lattice-vetted heavy-quark potential and have implemented a regeneration model. We present bottomonia suppression results for RHIC and CMS collisions with this new potential and regeneration model.

Content type

Theory

Collaboration

Centralised submission by Collaboration

Presenter name already specified

Primary author: KROUPPA, Brandon (Kent State University)

Co-authors: STRICKLAND, Michael (Kent State University); ROTHKOPF, Alexander (Heidelberg University)

Presenter: KROUPPA, Brandon (Kent State University)

Session Classification: Quarkonia

Track Classification: Quarkonia