

## Onia production in pA and Ap collisions at LHCb

*Monday, 2 December 2013 17:10 (25 minutes)*

With a unique forward acceptance, and excellent vertexing and particle identification capability, LHCb is well-placed to make important contributions to heavy ion physics through measurements performed using data taken during pA and Ap collisions. The first studies of these data, on the production of onia vector mesons will be presented. The results include comparisons of the production cross-sections between pA, Ap and pp collisions, and measurements of the nuclear modification factors.

**Primary author:** Dr SCHMIDT, Burkhard (CERN)

**Presenter:** Dr SCHMIDT, Burkhard (CERN)

**Session Classification:** MPI & Small-x

**Track Classification:** MPI & Small-x