Abstract Submitted
for the APR14 Meeting of
The American Physical Society

Strange baryon vs meson ratio in near-side and away-side jets in p+p collisions at ALICE using azimuthal correlations SANDUN JAYARATHNA PAHULA HEWAGE[1], Uninersity of Houston — Two-particle azimuthal correlations are an ideal probe to study high pT parton fragmentation without full jet reconstruction [1-2]. Enhancements of the azimuthal correlations are seen at $\Delta\varphi = 0$ and $\Delta\varphi = \pi$, indicating the near-side and away-side jets, respectively [3]. We will present the ongoing work on correlations between charged leading particles and the associated strange baryons and mesons in p+p at $\sqrt{}$sNN = 7 TeV. The aim of this work is to study the strange baryon vs meson ratio in near- and away-side jets, as well as underlying events, using azimuthal correlations. This study is done in different pT intervals in the 1-6 GeV/c range for the associated particles.

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Date submitted: 09 Jan 2014 Electronic form version 1.4