

Results from the p-Pb Run at the LHC

Friday, 5 December 2014 12:00 (45 minutes)

The LHC has run p-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV in addition to $\sqrt{s_{\text{NN}}} = 2.76$ TeV Pb-Pb and the pp physics program. The p-Pb program was conceived originally to investigate initial-state effects in the collisions of nuclei. The p-Pb results appear to exhibit a lack of strong initial-state effects, but are surprising in that they reveal a strong similarity to the final-state hydrodynamic effects observed in Pb-Pb collisions. In this presentation, I will summarize the p-Pb results from the LHC and place them in perspective with what is observed in pp and Pb-Pb. This will include results on particle production, identified particle spectra, correlation measurements, large transverse momentum jets and hadrons, and other measurements.

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Session Classification: Plenary Session