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Type: **Talk**

PHENIX Heavy Ion Overview

Tuesday 8 September 2020 18:35 (25 minutes)

The PHENIX detector at RHIC recorded heavy-ion data for 16 years, recently ending its run in 2016. The new sPHENIX detector currently being developed will be built in its place. Although PHENIX is no longer actively running, the last three years of operation collected data in a wide range of different collision systems: $p+p$, $p+Al$, $p+Au$, ^3He+Au , and $Au+Au$, which are still being analyzed. Recent results have focused on small system studies and flow, as well as open heavy flavor measurements, direct photon yields, hadron nuclear modification including ϕ mesons and J/ψ , jet modification with two-particle correlations, and jet reconstruction. Here we present a collection of these analyses PHENIX has approved for preliminary or publication since the last International Conference on New Frontiers in Physics.

Is this abstract from experiment?

Yes

Is the speaker for that presentation defined?

Yes

Name of experiment and experimental site

PHENIX (RHIC, Brookhaven National Lab)

Internet talk

Yes

Details

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