

Abstract Submitted  
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**Prospects for Jet Measurements with the sPHENIX Detector**

JOHN HAGGERTY, Brookhaven National Laboratory, SPHENIX COLLABORATION — sPHENIX is a proposed experiment at RHIC with uniform electromagnetic and hadronic calorimetry and precision tracking in a central barrel which is capable of measuring jets, jet correlations and upsilons at the highest RHIC luminosities in heavy ion collisions in the early 2020's. Results from a program of prototype detector tests in test beams will be shown, as well as expectations from simulation of the capabilities for jet measurements in heavy ion collisions.

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