

## The sPHENIX Detector

*Saturday, 2 June 2018 17:50 (20 minutes)*

sPHENIX is a large-acceptance, high-rate jet and  $\Upsilon$  detector designed to study the structure of the quark-gluon plasma in heavy ion collisions at RHIC. It consists of full calorimeter over the full azimuth for  $|\eta| < 1.1$  with tracking and precision vertexing. These components will provide full jet reconstruction, heavy-flavor jet tagging, and  $\Upsilon$  spectroscopy. We will present an overview of the sPHENIX design goals, construction, running schedule, and anticipated physics program.

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### Collaboration name

sPHENIX Collaboration

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