

The GlueX experiment: first results.

GlueX is a nuclear physics experiment located at the Thomas Jefferson National Accelerator Facility (JLab) designed to study and understand the nature of confinement in QCD by mapping the spectrum of exotic mesons.

The experiment will be able to probe new areas by using photoproduction, i.e. the scattering on nucleon of ~ 9 GeV linearly polarized photons derived from the recently upgraded CEBAF ~ 12 GeV electron beam.

Spring 2016 has been characterized by a continued detector commissioning and initial running at the full design energy. In this talk the current status of the GlueX detector performance and data collection will be discussed, with a brief overview of the prospects for first physics results, future run plans, and long term upgrades.