

Latest Results from GlueX

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GlueX at Jefferson Lab aims to study the light meson spectrum with an emphasis on light hybrid mesons. To this end, a linearly-polarized 9 GeV photon beam impinges on a hydrogen target contained within a hermetic detector with near-complete neutral and charged particle coverage. In spring of 2016, the experiment completed its commissioning and took its first substantial data in the design configuration. With this data set, GlueX already exceeds previous experiments for polarized photoproduction in this energy regime. The planned schedule and a selection of early results will be presented. Furthermore, the strategy to map the light meson spectrum with amplitude analysis tools will be outlined.