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Recent Results from the Gluonic eXcitation Experiment (GlueX) at JLab

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The GlueX experiment, located at Jefferson lab, uses a beam of linearly polarized photons produced through bremsstrahlung with a coherent peak at 9 GeV, incident on a liquid hydrogen target. Various detectors cover almost 4π acceptance and detect almost all neutral and charged particles produced in a photoproduction reaction. The primary physics goals of GlueX are to find and study the properties of mesons, and baryons containing strange quarks. This talk will give a brief overview of the current physics results such as polarization observables, and cross section measurements obtained from the Phase -I GlueX data.