**Λ(1520) beam asymmetry measurement at the GlueX experiment**

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The GlueX experiment is the flagship experiment of the 12 GeV upgrade of the CEBAF accelerator at Thomas Jefferson National Accelerator Facility (JLab) in Newport News, VA, USA. It is a ~4pi detector with excellent calorimetry and tracking capabilities. A linearly polarised photon beam is produced from 12 GeV electrons in coherent bremsstrahlung on a thin diamond radiator and incident on a LH2 target. This setup makes GlueX an excellent facility to study excited hyperons, like the Λ(1520), in photoproduction. These measurements are an important first step to achieving GlueX’s main goal, the measurement of gluonic excitations of mesons. To achieve that it is important to have a good understanding of photoproduction mechanisms in different reaction channels. Beam asymmetry measurements can help to provide valuable information for the necessary partial wave analyses.

The talk will give an introduction to the GlueX experiment and will show first preliminary results of the photoproduction of strange baryons at high photon energies.