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Offline Computing for the GlueX Experiment at Jefferson Lab
MARK ITO, Jefferson Lab, THE GLUEX COLLABORATION — The GlueX Experiment in Hall D at Jefferson Lab is scheduled to start commissioning in the Summer of 2015. The new detector will record events created with a new beamline that will deliver tagged, coherent bremsstrahlung photons with an endpoint of 11 GeV and a prominent coherent peak at 9 GeV. Reconstruction software will have to output both charged and neutral particles. To facilitate a partial wave analysis of final states, high-single particle efficiency will be required. The general approach to offline software will be presented, including resource requirements and technology choices.

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