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## Offsite Data Processing for the GlueX Experiment

*Thursday, 7 November 2019 14:45 (15 minutes)*

The Jefferson Lab 12GeV accelerator upgrade completed in 2015 is now producing data at volumes unprecedented for the lab. The resources required to process this data now exceed the capacity of the onsite farm necessitating the use of offsite computing resources for the first time in the history of JLab. GlueX is now utilizing NERSC for raw data production using the new SWIF2 workflow tool developed at JLab. In addition, simulation is being done on the OSG utilizing the same container and distributed file system technologies deployed for NERSC. Details of the workflow will be presented.

### Consider for promotion

No

**Primary author:** LAWRENCE, David (Jefferson Lab)

**Presenter:** LAWRENCE, David (Jefferson Lab)

**Session Classification:** Track 7 –Facilities, Clouds and Containers

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