

2016 GlueX Physics and Analysis Workshop  
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The 2016 GlueX Physics and Analysis Workshop, held at Jefferson Lab from May 11 – May 13, was a great success. There were 57 registered participants, 45 of which attended on-site, and the rest remotely. The \$5000 in travel funds, \$2500 of which were from the JSA, were used to help 2 speakers and 8 students attend the workshop that would not have been able to otherwise.

The workshop provided an overview of meson spectroscopy, with a focus on physics analysis opportunities with Jefferson Lab experimental data. We discussed the software and analysis techniques that will be essential in extracting first physics results from the data. Specifically, we performed a simulated analysis of polarization observables and spin-density matrix elements of  $\gamma p \rightarrow \omega p$ . In addition, there were hands-on sessions for participants so that they could actively engage in performing physics analyses during the workshop.

The attendees of this workshop have since been performing physics analyses of the GlueX Spring 2016 commissioning data. In addition, the talks from the workshop were recorded, so new users can watch them and quickly get started doing physics analyses. This workshop was invaluable for the GlueX physics and analysis efforts, and we hope to be able to run more of these in the future.