

Expression of Interest – Lepton Polarimetry



Please indicate the name of the contact person for this submission:

EICUG Polarimetry Working Group, Conveners: Elke Aschenauer and Dave Gaskell, elke@bnl.gov and gaskelld@jlab.org

Please indicate all institutions collectively involved in this submission of interest:

Argonne National Lab, BNL, Imam Abdulrahman Bin Faisal University, Jazan University, JLab, Stony Brook, University of Manitoba, University of Massachusetts, University of Virginia

Please indicate the items of interest for potential equipment cooperation:

Compton polarimeter components: Laser system, calorimetry, position sensitive detectors

DAQ and software: Fast DAQ, simulations of backgrounds and detector response, analysis software

Expression of Interest - Lepton Polarimetry



Opportunities for engagement of other groups

All items mentioned above – there will likely be multiple polarimeters, so more than one version of each component will be needed. Different detector technologies would also provide complementarity between polarimeters.

Additional information you think may be useful for the community to know about your expression of interest.

Initial meeting yesterday (Tuesday, September 15), next meeting October 20.