

Polarimetry and Ancillary Detectors YR WG

- *Collect information on Forward and Ancillary Detectors (Lumi/Polarimeters) in a central place*
 - Polarimetry, ancillary detector info:
<https://indico.bnl.gov/category/280/>
- *Follow your plan to combine resources for the vacuum/beam pipe/synchrotron/hadronic background efforts.*
- *Document the possible issues with the carbon polarimeter in an EIC, and perform an engineering study for central carbon rod direct beam heating, heating by the wake fields, and possible ways to remove heat*
 - Carbon polarimeter issues discussed in several presentations (see Indico). Carbon rod engineering study requires similar effort/resources as needed for electron detector study – resources not yet identified
- Other, basic studies still need to be completed
 - Average and peak event rates
 - Required detector segmentation and rate capabilities
 - How the above impact systematic uncertainties