

Ancillary and Polarimetry Working Group: June 15 update

- Luminosity monitor
 - Design and simulation very mature
 - Lead tungstate too slow, likely lacks needed radiation hardness – next candidate is tungsten powder/sci-fi calorimeter (sPHENIX)
- Compton Polarimeter
 - Rough idea of required segmentation from event-generator studies
 - Detailed detector simulation (GEANT4) under development – will help choice of technology
- Hadron Polarimeters
 - Simulations of target heating by wake fields under way
 - Background simulations progressing
 - Several possible tests using RHIC with D/³He beams