

Energy Calibration, Polarization and Monochromatization (EPOL)

Warning I have not discussed this with the EPOL group and its « wisepeople », **this is a first look**

Items that are specific to the EPOL group

- +- integrated polarization and ECM simulation(s)
 - +- polarimeter implementation and performance (possibly 2 talks)
 - correction and running procedures (maybe)
 - Wiggler and area design (maybe)
 - +- optimization of resonant depolarization for the W threshold measurement, depolarization kicker
 - accelerator diagnostics for management of opposite sign dispersion (OSD vertical mostly) (maybe)
 - monochromatization optics (maybe)
- ➔ these can be addressed in a specific parallel session.

Items that are/might be common with Physics performance and/or MDI session

- Diagnostics using muons pairs (Energy spread, CM boost and crossing angle already known)
 - for ECM p-t-p. errors
 - for observation/monitoring of opposite sign dispersion (horizontal OSD mostly)
- zero angle radiative Bhabha monitor, large angle beamstrahlung monitor
- detector magnetic field stability
- Higgs event selection for ee->H experiment

Plenary session report (one or two ECM and monochromatization)

further idea (kill me): ask someone from ILC to try to convince us that we should work harder on long. polarization?