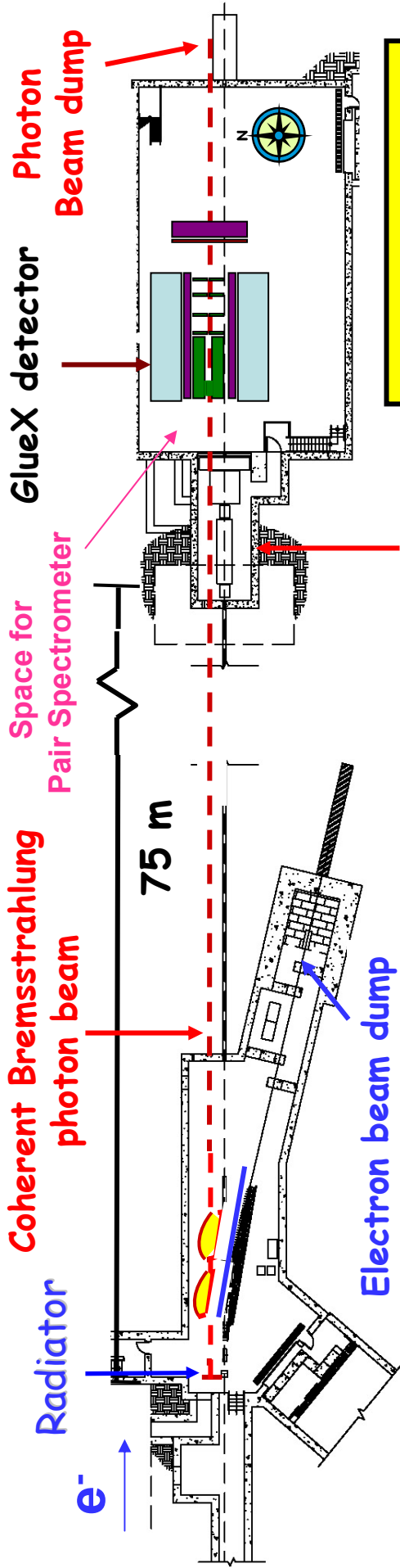


# Introduction



Tagger Area

Collimator Cave

Experimental Hall D

- Bremsstrahlung beam photons are produced by a 12 GeV electron beam incident on a diamond crystal. Main coherent Bremsstrahlung peak is  $8.4 < E_\gamma < 9.0$  GeV (Tagger Area)
- Pass bremsstrahlung photons through the collimator to increase the fraction of linearly polarized photons in the beam (Collimator CAVE)
- Use Pair Spectrometer to determine luminosity, beam polarization, and calibrate tagger Hodoscopes (Pair Spectrometer)