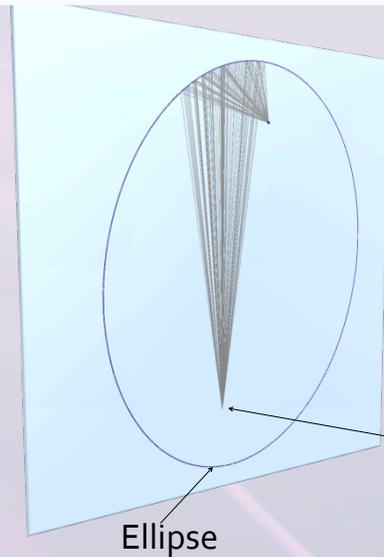
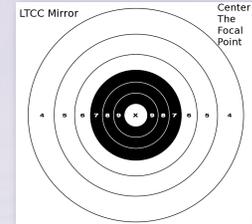
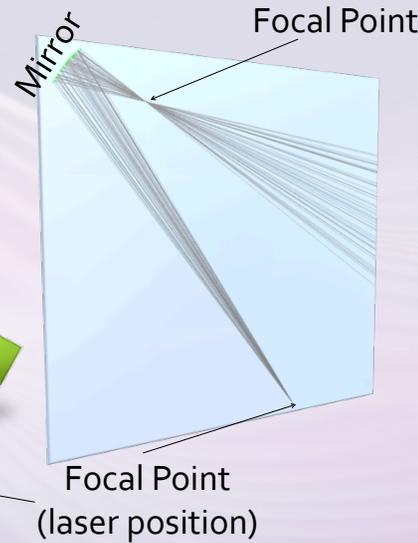


foci Hunter Game



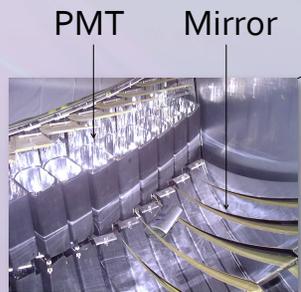
Ellipse:
 Every photon will bounce from one focal point to the other!
 We used this property to build MIRRORS that **focus** light at one particular location (detector)



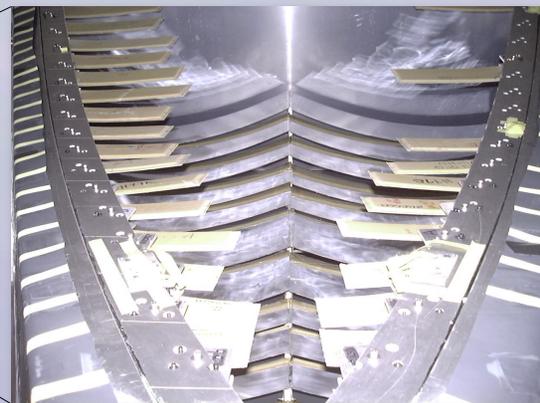
We placed a laser line at one focal point directed at the mirror

Find the other focal point!

Hint: it's where the photons of the laser will focus the most



A few actual mirrors
 And their light detectors
 Photo-multipliers (PMT)



Our detector mirrors:
 36 elliptical and 36 hyperbolic



Our detector, closed to make it light leak-tight