



OMD

- Choice of OMD is critical to capture efficiency
 - **Many talks touch on design or simulation of OMD**
 - **Baseline $\frac{1}{4}$ wave solenoid**
 - **Cost mitigation R&D should be pursued**
 - Alternatives with greater capture?
 - Flux concentrator, lithium lens
 - **Risk mitigation should be pursued**
 - Beam irradiation test facility needed, similar energy deposition to ILC photon beam

- Action items
 - **Cornell $\frac{1}{4}$ wave solenoid**
 - fringe fields should be determined for target interaction
 - Capture efficiency should be verified
 - **Flux concentrator**
 - Scope of work for engineering design should be specified
 - **Lithium lens**
 - Energy deposition and heat flow calculations should be verified
 - **Identify potential facilities for irradiation of devices that will be in the beam**