

- **Diagnostics camera system**

- Alignment: can use standard alignment from Fermilab + fine alignment using atoms?
Or need in-vacuum more sophisticated alignment?
- Depth of field: zoom-lenses or use unfocused images?
- Need to trigger? Or can take images continuously and use software?
- Quality of lens/camera
- Other requirements?
- Would like to build a prototype that can later be transported to Fermilab
 - Can this be done at SLAC, or need access to Stanford setup?

- **Multi-angle camera concept:**

- Converge on requirements for depth of field, resolution, light collection

- **Alignment/Magnetometry**

- **Any other R&D need?** Superconducting shield, SQUID magnetometer, ...