

Fermilab R&D on Silicon Mechanics

- Clearly funding and resource limited
- Possible R&D given funding and resources
 - VXD geometry
 - VXD or outer tracker prototype support cylinder
 - Prototype outer tracker module supports
 - 3-D non-contact CMM measurements
 - Environmentally controlled CMM measurements
 - Beam pipe, LumiCal, BeamCal geometries and support
 - Investigation of beam tube fabrication and feasibility
 - Power delivery and cabling
 - Investigations of materials and measurements of material properties