SuperKEKB

Earliest end of July to transfer funds (Ask Gunther / Uli)

Edge-On

Questions and homework:

1) Capacitance how much is ok?
2) Mechanical structure – reasonable scheme
3) Width 500 um?
4) Collection time/ thickness

Drawing of edge-on schemes

50-100 um thick sensors

stack of 10?

Spatial resolution determined by strip lithography

Possibly a pair of back-to-back sensors with backing wafers attached

3D Trenches Linear array

60-100 um pitch

Need to remove backing wafer

Can read out both polarities

Might be ale to access both sensor surfaces

40 um p-n-p pitch

128 strips

readout n+ by default

Bending magnet – 10 meters pinhole/coded aperture – 30 meters detector