

Vertex CDR - coutline

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Xiangming Sun?

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Current R&D

- PDR schemes
- Z-pole ? requirements

Integration

Main changes in vertex

- Environment — feedback from MDI group

Event rate, hits/mm²/event, radiation environment.

- Simulation ?

Layer number, module size, pixel size, tracking efficiency, position resolution, physics improvement

- Sensor R&D — roadmap, progress, schedule...
(Yunpeng)

pixel size, readout time, power consumption, radiation hardness

- Detector design — Mingyi Dong and Yunpeng?

Sensor size, mechanical structure, cooling, readout, replacement