

Oregon Interest in RDC3

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Institute of Fundamental Science
October 2023

Existing and Future Effort

MAPS development for linear collider detectors, both calorimetry and tracking

- Existing collaboration with SLAC
- Oregon group performs simulation work to derive requirements for ASIC testing
- On-site clean room for device testing

Device testing and characterization for future silicon tracking technologies

- Expertise in ATLAS IBL, ITk FE / module testing and DAQ development
- Local test-stand for RD53 operation, testing
- Interest in expanding existing setup for device testing and characterization for future technologies