

Coordinate Detector - brief update

- Fermilab's extrusion facility will produce [4 cm × 1 cm] x-section scintillator bars with an existing die; reduces cost and production time.
- Eljen Technology's cost for machining the wider bars will be ~ 12k higher.
- Scintillator order from JLab to Fermilab is in process at JLab's procurement.
- ISU sub-contract is in final stages.
- Order WLS fibers from Saint Gobain, once ISU contract is in place.
- Light yield tests at JLab by Nathan Murtha during summer with CLAS12 PCAL scintillator [4.5 cm × 0.8(1.0) cm] strips (TiO₂ coated and mylar wrapped) with 1 mm Kuraray Y11 WLS. Measured yield ~ 20 p.e.
- Light enclosure tests of prototype completed.
- Technique for correcting gain variation between pixels, developed by V. Popov at JLab for PET, under consideration for CDet MAPMTs.
- CDet sub-group's weekly meetings started.