

Summary I&I workshop at SURF

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on behalf of CI group

Introduction

- A workshop on Installation and Integration for FD1 and FD2 was held at SURF from 16th to 20th October
<https://indico.fnal.gov/event/60951/>
- Attending consortium management, spokes, and relevant engineers
- There was one or several presentations from each consortium discussing production, QA/QC, installation, integration, etc
- Also presentations about SURF infrastructure/logistics, general installation, VISA support, etc
- Action items for all groups [here](#)

CALCI session

- A. Cervera presented the production, QA/QC and installation plans for CI devices: PrMs and Thermometers ([link](#))
- We also requested PRRs for next year since production should happen in in 2024-2025. PrM PRR in April. TMS PRR under discussion.
- Main action items:
 - Installation plan for FD2 TCO side PrMs must be reviewed since upper PrM has to be horizontal and fibers/cables for lower PrM must be installed before the detector
 - Tools for Purity Monitors I&I - Vacuum testing tube, pump, etc. - Not in budget?
 - Cable/fibre routing for Thermometry
 - Who is responsible for the flanges and feedthrus for the laser that may not be used?

Other relevant outcome

- Decision about which detector goes first (FD1 or FD2) to be taken early next year
 - Installation of FD1 currently planned for end-2025 and 2026
 - Installation of FD2 currently planned for end-2026 and 2027